May 2024 Release

intel MARKET READY

Intel® IoT Market Ready Solutions Playbook

Intel® Corporation

intel®

Click here to learn more and see what's new

Click here to find solutions

Market Ready Solutions Playbook Introduction



Purpose

This is a self-service playbook for Intel® IoT Market Ready Solutions, designed to inform Intel field sellers and Intel channel partners of the available IoT solutions. This playbook offers a one-page overview of each solution along with links to additional materials to best equip sellers in the market.

If you have any questions regarding the solutions in this playbook, please contact Matthew Cope at Matthew.w.cope@intel.com



Instructions for use

The Intel® Market Ready Solutions Playbook is designed for simple navigation:

- Start on the Intel® IoT Market Ready Solutions Overview Page.
- From there, click the (⌂) button to access the Intel® IoT Market Ready Solutions Home Page. Select a desired use case by clicking its image. This gives you access to the search for solutions ordered by primary vertical, use case, or alphabet.
- To go back and choose a different solution, click the use case image at the top of the page.
- At any time, you can click the (⌂) button in the top right to navigate back to the Intel® IoT Market Ready Solutions Home Page.

Market Ready Solutions Overview

Every Intel® IoT Market Ready Solution Contains Five Key attributes…

1. **End-to-end solution:** Ingests data from the edge and delivers all the way to the cloud
2. **Drive analytics:** Collects and analyzes data and informs business transformation in targeted verticals
3. **Single Source:** Provides one point where users can order, install, and maintain the solution
4. **Repeatable and Scalable:** Has at least three successful commercial deployments at two unique end customers
5. **Intel inside:** Leverages one or more Intel technologies

Value Props | Making it easier for



Customers to realize solution value

Solution partners to get solutions to market





Integrators to implement solutions

Playbook Updates – May 2024

Each month, the Intel® IoT Market Ready Solution Playbook is updated to reflect the most accurate and current information available. This includes new IoT solution overview pages as well as any updated information for existing solutions.



Below are the new solution pages for May 2024

Updates

- Acromove Private 5G
- Aotu AI Smart Vision Solution
- ASUS EndoAim Endoscopy AI Solution
- AvidBeam Video Analytics
- Caswell Secure Edge Computing Platform
- Cisco Maritime Ports and Terminal Operations
- Econocom Kentia Digital Signage
- Fuzhou X-Speed Intelligent Computing Center Security Cloud Service Solution
- Insight Scalable Blueprints for Digital Transformation in Industrial Manufacturing
- Omnic OmniHub All-in-One Parcel Locker & Self Service Solutions
- O'Prueba Operating System (OOS)
- Pure Storage FlashBlade for Genomics
- Taiyi Wulian Co. Limited Space Guardian G1
- Thundersoft Holographic Intersection Solution
- Wipro Smart i-Mine
- Zotera Radius Industrial Automation Technologies

Choose Your Navigation Path

Explore three ways to view Intel® IoT Market Ready Solution in this playbook

See solutions by vertical



See solutions by use case



See solutions listed alphabetically



Solution Playbook pages are designed so users can quickly return to navigation slides. You are more likely to find similar solutions by exploring specific verticals and use cases

By clicking “See solution listed alphabetically” you can view the all up list of MRS Solutions sorted A-Z

If at any point you want to return to this slide—you can click the (⌂) icon in the top-right corner of most slides

Intel® IoT Market Ready Solutions Verticals

Click the use cases to learn more about what solutions apply to it

- Retail
- Hospitality
- Banking/FSI
- Education
- Manufacturing
- Energy
- Health & Life Sciences
- Government
- Transportation
- Other
- Agriculture

Intel® IoT Market Ready Solutions Use Cases

Click the use cases to learn more about what solutions apply to it

- Machine Condition Monitoring
- Control Optimization & Autonomy
- Product Inspection
- Asset & Operations Management
- Energy Monitoring & Management
- Human Wellness Monitoring
- Situational Monitoring
- Other
- Logistics & Tracking
- Interactive Media
- Environmental Monitoring

Click the Group to See Solutions Alphabetically

Solutions alphabetized by **company name** rather than solution name

A – C

D – G

H – L

V-Z

M – O

P – S

S – U

Retail

Click the solutions to learn more about them

Machine Condition Monitoring

- Crown Digital - Ella: The Robot Barista
- Seavo Kiosk Peripheral Management and USB Auto-Recovery

Human Wellness Monitoring

- IntraEdge and Pyramid Janus

Other

- NCR FastLane SelfServ Checkout

Logistics & Tracking

- faytech AG EASY Shopper
- Hubz Smart Stores

Control Optimization & Autonomy

- Invenda Interactive Vending and Advertising Platform for Retail and Hospitality
- Shandong Extreme Vision Co., Ltd. Smart Retail AI Solution
- SMRT1 POD
- Super Micro Computer Inc. Retail Edge Evolution

Retail

Click the solutions to learn more about them

Asset & Operation Optimization

- Cloudpick Autonomous Store
- Diebold Nixdorf DN Series™ BEETLE A1150
- Fortinet Secure Branch
- IntraEdge Truyo
- Jian24 Smart Retail Solution
- NCR Emerald Retail Point of Sale Platform
- Omnic OmniHub All-in-One Parcel Locker & Self Service Solutions
- Tata Consultancy Services Ltd. Self-Checkout Loss Prevention Solution
- Theatro Intelligent Voice Assistant for the Frontline Workforce
- V-Sync SmartVendor
- Quanergy Flow Management
- SNS Network SDN BHD JOI Smart Classroom
- Winmore Digit-China Barcodeless Goods Identification Kit
- Wintec QINGDAO Self-Checkout Solution Enabled with Loss Prevention

Situational Monitoring

- Awiros Video Intelligence Platform
- Expertos En Sistemas Braingine Machine Vision
- Digifort IP Security System Digifort Cloud
- IDIS Solution Suite and IDIS Center
- Pathr.ai Spatial Intelligence
- Sertek All-in-One AI NVR
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- UST Global: Retail Analytics for Covid-19 and Beyond

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- ComQi Engage Platform
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- Econocom Kentia Digital Signage
- Giada Digital Signage Management
- M3T Retail Kiosk
- Ombori Apps AB Grid Compute Device
- Pyramid Computer GmbH Self Checkout Kiosk
- Pyramid Computer Magic Mirror
- ScreenVend Digital Retailing Solution
- Shenzhen SED Initta Intelligent POS Solution
- Sindrax Technology Interactive Multimedia Sports Game
- Skratch & ANQ Phygital Video Wall
- Smart Board Interactive Display with Smart Ops PC
- TELELOGOS Media4Display
- Toshiba Self Service Retail Total Solutions
- Toshiba TCxTM 800 All-In-One POS and Remote Monitoring In-Store Experience
- TouchSource Digital Directory Experience
- Trison signage.ninja
- Trueform Indoor and Outdoor Digital Advertising Displays
- UST Vision Checkout Kiosk
- ViewSonic ViewBoard

Product Inspection

- Mashgin Touchless Checkout System

Manufacturing

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Control Optimization & Autonomy

- Geek+ AI AMR Edge Cloud Smart Logistics Solution
- ForwardX Robotics Visual Autonomous Mobile Robots
- Shandong Extreme Vision Co., Ltd. Smart Community AI Solution
- Shandong Extreme Vision Co., Ltd. Smart Factory AI Solution
- Supermicro Industry 4.0 Evolving
- Supermicro Intelligent Secure Edge
- Wuxi Xinje Vision Guided Intelligent Welding System
- Xesol Drivox
- Xinje Electric X-SIGHT: Intelligent Industrial Controller

Energy Monitoring & Management

- The Hark Platform

Situational Monitoring

- AIBDT Analysis Decision Platform
- AIRA Corporation airaTrack
- Hikrobot: iWarehouse Intelligent Management Warehouse
- Industrial Network Security with Monitor for secunet edge
- Staqu Technologies JARVIS For Manufacturing
- Touch Cloud/WPI TC Telescope
- Wobot Hygiene and Safety Module
- Wincomm Corporation Smart Hygiene Control Solutions

Asset & Operations Optimization

- BirminD B-Wise B-Cloud AutoML
- Dot Zero Connect ZPS
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- Eigen Machine Vision
- Extra Computer GmbH Calmo IOT Terminal for Manufacturing and POS
- Insight Scalable Blueprints for Digital Transformation in Industrial Manufacturing
- iProd MOP Manufacturing Optimisation Platform
- O'Prueba Operating System (OOS)
- Sewio Real-Time Location System
- ShareTech Information OT Security Solution
- Supermicro Smart Digitalized Production Process Enhances Quality Control
- Touch Cloud Inc. Portable Smart Construction Site Surveillance and Event Detection System
- TTTech Industrial Nerve Blue

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- Vecow Surface Defect Inspection Solution

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- Sophic Automation Sdn Bhd Manufacturing Lights Off
- Synnex Technology International - Smart MES for Factory
- Tata Consultancy Services TCS Equiptix
- Vecow Co., Ltd. Machine to Machine Solution
- Yoi System Co., Ltd. i-X (i-ECS: Intelligent-Edge Control System)

Interactive Media

- Clevertouch Interactive Communication and Collaboration Solution

Logistics & Tracking

- AI-Powered Logistic Solution – Alfabeta
- Vecow Sterilization AMR

Environmental Monitoring

- Panasonic ArgosView

Human Wellness Monitoring

- AIRA Corporation airaFACE
- Aotu AI Smart Vision Solution

Transportation

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Asset & Operation Optimization

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- PerfecTron Level 4 Autonomous Shuttle
- RF Controls Overhead CS Smart Antennas for Battery-Free RFID Based Real-Time Location
- Touch Cloud Abaci – The Realtime Flow and Crowd Counting Solution
- Wipro Smart i-Mine

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- iOmniscient Pty Ltd IQ Roads
- Shandong Extreme Vision Smart Traffic Violation Review Solution
- Shenzhen Extreme Vision Intelligent Security Check
- Thundersoft Holographic Intersection Solution
- 7 StarLake 5G C-V2X Smart Traffic
- Videonetics Intelligent Video Management Software

Logistics & Tracking

- Shenzhen JHCTECH Road Pricing Inspection System
- Touch Cloud AI@Sense LPRS

Interactive Media

- 22Miles Interactive Wayfinding Kiosk
- Omnivex Moxie Digital Signage

Banking/FSI

Click the solutions to learn more about them

Situational Monitoring

- Bits & Bytes Thermal Detection Kiosk

Interactive Media

- Avocor All-In-One Interactive Display with Intel® OPS
- Exterity Digital Signage and IP Video Solution
- Centerm Smart Banking Solutions
- PT. Murni Solusindo Nusantara AI Powered Digital Public Information Display

Asset & Operations Optimization

- DN AllConnectSM Data Engine for Data-Driven Intelligence Powering Actionable Insights
- Fuzhou X-Speed Intelligent Computing Center Security Cloud Service Solution

Hospitality

Click the solutions to learn more about them

Interactive Media

- Partner Tech Smart Hotel Self-Service KIOSK
- Prox Systems Co., Ltd. Restaurant Smart Service Solution
- Pyramid Computer Restaurant Ordering Kiosk
- Yanolja Y FLUX Kiosk Smart Hotel Lobby

Asset & Operations Optimization

- Autocanteen Self-Service
- Berry AI, Inc. AI-based Timer System
- PreciTaste Prep Assistant
- NTT System System Blue Bolt
- Sertek EZcon Smart Building System
- Shandong Extreme Vision Open Kitchen Solution

Human Wellness Monitoring

- Elenium HealthGate Touchless Control anVital Sign Detection

Control Optimization & Autonomy

- AiMall Virtual Store Supervisor

Situational Monitoring

- V-Series Drive-Thru Analytics Solution for Quick Service Restaurants (QSR)

Health & Life Sciences

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- Biomedica Osteoporosis Screening Kit
- diagnext.com Diagserver Medical
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- LACHESIS Mhealth 5G Smart Ward Solution
- MIC's Sickbay™ Platform
- MITIS Health Lossless Remote Radiology & Pathology Home Reporting
- Pure Storage FlashBlade for Genomics
- Vecow VHub AI Fever Scan Solution
- VeeMed TeleHealth Care Delivery
- WiCis Health 3.0
- Wincomm Corporation Smart EMR Solution for e-Healthcare

Logistics & Tracking

- Pyramid Computer Essentry Visitor Verification

Health & Life Sciences

Click the solutions to learn more about them

Interactive Media

- Olea Kiosks Inc. Healthcare Check-in Kiosk
- Zhejiang Jandar Technology Wise Medical Treatment

Product Inspection

- HY Medical AI-Assisted Diagnosis of Medical Imaging on IA Solution
- Novarad Imaging Suite: Enterprise Imaging Management System, AR Surgical Guidance, and Image Sharing
- ZRT Intelligent Medical Image Review and Consultation

Asset & Operations Optimization

- HOOBOX Robotics Neonpass
- Onyx Intelligent Healthcare Interoperability Platform (iHIP)
- Vesystem Cloud Terminal Healthcare Solution
- Wincomm Corporation Smart EMR Solution for e-Healthcare

Energy

Click the solutions to learn more about them

Situational Monitoring

- SSE Mayflower Insite Sentinel
- Systems with Intelligence Visual/ Thermal Asset Monitoring System

Asset & Operations Optimization

- Cisco Smart Buildings
- RonPos - OnPrem Manageability System for Fuel Convenience Stores

Energy Monitoring & Management

- HuaDian Intelligent Energy Management
- InSynerger Power Efficiency & Electrical Safety Management Solution
- Onesait Active Grid Management Suite

Other

- Q-Net Security – Cybersecurity Hardware Solutions
- DOTS Smart Energy Services

Government

Click the solutions to learn more about them

Situational Monitoring

- AllGoVision – AI Powered Video Analytics
- beamLive, Inc. – Unified Mobile IoT Communication
- Corsight AI Fortify
- Deep Insights
- Getac Video Solutions
- Honeywell City Suite Safe Cities
- Innodep VURIX
- Intelligent Security Systems – SecurOS FACEx
- Jovision Technology Smart Community Solution
- Mirasys Women Safety Solution
- Pegatron 5G Private Network Solution: Digital Resilience
- ST Engineering AGIL Smart Car Park Suite
- Seavo Real-Time Face Recognition Gate Access Control
- Taiyi Wulian Co. Limited Space Guardian G1
- TD Synnex Mobile Connected First Responder
- Telesoft TDAC
- TITANUS EYEoT DSS
- Vaelsys V4
- Vehant Technologies TrafScan®

Asset & Operations Optimization

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- Honeywell Airport Solutions
- Indra Sistemas Onesait Sustainability Waste Citizen
- PMY Group Venues Facility and Transportation Optimization
- Zotera Radius Industrial Automation Technologies

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- Grupo MSA – Electronic Ballot System (EBS) by vot.ar

Environmental Monitoring

- Disrupt-X Ignite Shield
- Shenzhen Genew Intelligent Technology Multifunctional Smart LightPoles

Control Optimization & Autonomy

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- NEC SDM Integrated ECO-System
- Widya Robotics Intelligent Gate

Government

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Human Wellness Monitoring

Logistics & Tracking

- OnLogic Singlewire InformaCast Fusion Server

Other

- Phonexia Speech Platform

Education

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Asset & Operations Optimization

- Centerm Weixun Intelligent Cloud Solution for School District
- Prowise Full Solution for Education

Situational Monitoring

- CathexisVision – Video Security Management Solution

Interactive Media

- CVTE MAXHUB
- HiteVision Interactive Classroom Broadcasting Solution
- i3-Technologies Hybrid Teaching
- JWIPC iLearn Remote Class Interactive
- Nanjing Mythware Information Technology Mythware Smart Classroom
- Schoolnet India Limited K-Class Powered by K-Yan
- Sindrax Intelligent Gamified Kids (Pre-school) Education System
- WolfVision Cynap Pure

Other

Click the solutions to learn more about them

Situational Monitoring

- Axis Camera Station S-Series Network Video Recorders

Interactive Media

- 22Miles Visual Communications
- Acromove Private 5G
- BenQ DuoBoard Corporate Interactive Display
- Cisco IP Fabric for Media
- Crestron Collaboration Solution Refresh
- Olea Kiosks Inc.Ticketing and Booking Kiosks
- ViewSonic Wireless Collaboration Display

Asset & Operations Optimization

- Prescriptive Data NANTUM
- Wipro Limited Digital Twin for Smart Buildings
- Wipro Limited Edge Device Management for OT and IoT
- Wipro Limited Smart i-Building

Environmental Monitoring

Agriculture

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Retail

- NCR FastLane SelfServ Checkout

Solutions from A-C

Click the solutions to learn more about them

#

- 22 Miles Interactive Video Walls
- 22Miles Interactive Wayfinding Kiosk
- 22Miles Visual Communications

A

- Acromove Private 5G
- AIBDT Analysis Decision Platform
- AiMall Virtual Store Supervisor
- AIRA Corporation airaTrack
- AIRA Corporation airaFACE
- AI-Powered Logistic Solution – Alfabeta
- AllGoVision – AI Powered Video Analytics
- Ambient Clinical Analytics Aware Family
- Aotu AI Smart Vision Solution
- ASUS EndoAim Endoscopy AI Solution
- Autocanteen Self-Service
- AvidBeam Video Analytics
- Avocor All-In-One Interactive Display with Intel® OPS
- Awiros Video Intelligence Platform
- Axis Camera Station S-Series Network Video Recorders

B

- beamLive, Inc. – Unified Mobile IoT Communication
- Beijing Sinoits Xiaoshentong Toll Vehicle Identification and Management Solution Based on Intel Architecture
- BenQ DuoBoard Corporate Interactive Display
- Berry AI, Inc. AI-based Timer System
- Biomedica DataSense
- Biomedica Osteoporosis Screening Kit
- BirminD B-Wise B-Cloud AutoML
- Bits & Bytes Thermal Detection Kiosk
- Broox Platform
- Bütema AG Digital Signage

C

- Caswell Secure Edge Computing Platform
- CathexisVision – Video Security Management Solution
- Centerm Smart Banking Solutions
- Centerm Weixun Intelligent Cloud Solution for School District
- Cisco IP Fabric for Media
- Cisco Maritime Ports and Terminal Operations
- Cisco Smart Aviation and Airports
- Cisco Smart Buildings
- Clevertouch Interactive Communication and Collaboration Solution
- Cloudpick Autonomous Store
- ComQi Engage Platform
- Corsight AI Fortify
- CO-WIN Co., Ltd. OnlineMAW – Content Management System of Digital Signage
- Crestron Collaboration Solution Refresh
- Crown Digital - Ella: The Robot Barista
- CVTE MAXHUB

Solutions from D-G

Click the solutions to learn more about them

D

- Deep Insights
- diagnext.com Diagserver Medical Communication System
- Diebold Nixdorf DN Series™ BEETLE A1150
- DN AllConnectSM Data Engine for Data-Driven Intelligence Powering Actionable Insights
- Digifort IP Security System Digifort Cloud
- Digital Barriers Heat Detection Camera
- Digital China iSESOL Intelligent Manufacturing Solution
- Disrupt-X Cognitive Neurons
- Disrupt-X Ignite Shield
- DOTS Smart Energy Services
- Dot Zero Connect ZPS

E

- Econocom Kentia Digital Signage
- Ectron Corporation SmartEYE™ Intelligent Edge Node
- Eigen Machine Vision
- Elenium HealthGate Touchless Control and Vital Sign Detection
- Expertos En Sistemas Braingine Machine Vision
- Exterity Digital Signage and IP Video Solution
- Extra Computer GmbH Calmo IOT Terminal for Manufacturing and POS

F

- faytech AG EASY Shopper
- Fortinet Secure Branch
- ForwardX Robotics Visual Autonomous Mobile Robots
- Fuzhou X-Speed Intelligent Computing Center Security Cloud Service Solution

G

- Geek+ AI AMR Edge Cloud Smart Logistics Solution
- Getac Video Solutions
- Giada Digital Signage Management
- Graymatics AI Driven Advanced Video Analytics
- Grupo MSA – Electronic Ballot System (EBS) by vot.ar

Solutions from H-L

Click the solutions to learn more about them

H

- Hikrobot: iWarehouse Intelligent Management Warehouse
- HiteVision Interactive Classroom Broadcasting Solution
- Honeywell Airport Solutions
- Honeywell City Suite Safe Cities
- HuaDian Intelligent Energy Management
- Hubz Smart Stores
- HY Medical AI-Assisted Diagnosis of Medical Imaging on IA Solution
- The Hark Platform
- HOOBOX Robotics Neonpass

I

- i3-Technologies Hybrid Teaching
- Imedtac iVMS Intelligent Vital Signs Station
- Insight Scalable Blueprints for Digital Transformation in Industrial Manufacturing
- IDIS Solution Suite and IDIS Center
- Indra Sistemas Onesait Sustainability Waste Citizen
- Industrial Network Security with Monitor for secunet edge
- IntraEdge and Pyramid Janus
- IntraEdge Truyo
- Innodep VURIX
- Invenda Interactive Vending and Advertising Platform for Retail and Hospitality
- iOmniscient Pty Ltd IQ Roads
- iProd MOP Manufacturing Optimisation Platform
- Intelligent Security Systems – SecurOS FACEx
- InSynerger Power Efficiency & Electrical Safety Management Solution
- ISSD Electronics SPECTO™ Incident Detection System

J

- JelloX Biotech Inc. MetaLite® Digital Pathology Edge Solution
- Jian24 Smart Retail Solution
- Jovision Technology Smart Community Solution
- JWIPC iLearn Remote Class Interactive

L

- LACHESIS Mhealth 5G Smart Ward Solution
- LG-MRI BoldVu® Kiosks

Solutions from M-O

Click the solutions to learn more about them

M

- M3T Retail Kiosk
- Mashgin Touchless Checkout System
- Matrox Imaging Manufacturing Machine Vision Solution
- MIC's Sickbay™ Platform
- Microvision Machine Vision Kit for Smart Manufacturing
- Mirasys Women Safety Solution
- MiTAC Machine Vision in Factory Automation
- MITIS Health Lossless Remote Radiology & Pathology Home Reporting
- MVISIA Desenvolvimentos Inovadores S.A MVISIA WEG CVU

N

- Nanjing Mythware Information Technology Mythware Smart Classroom
- NCR Emerald Retail Point of Sale Platform
- NCR FastLane SelfServ Checkout
- NEC SDM Integrated ECO-System
- Novarad Imaging Suite: Enterprise Imaging Management System, AR Surgical Guidance, and Image Sharing
- NTT System System Blue Bolt

O

- Olea Kiosks Inc. Ticketing and Booking Kiosks
- Olea Kiosks Inc. Healthcare Check-in Kiosk
- Ombori Apps AB Grid Compute Device
- Omnic OmniHub All-in-One Parcel Locker & Self Service Solutions
- Omnivex Moxie Digital Signage
- Onesait Active Grid Management Suite
- OnLogic Singlewire InformaCast Fusion Server
- Onyx Intelligent Healthcare Interoperability Platform (iHIP)
- O'Prueba Operating System (OOS)
- ORISOL Production Data Collection System (PDCS)

Solutions from P-S

Click the solutions to learn more about them

P

- Panasonic ArgosView
- Pathr.ai Spatial Intelligence
- Partner Tech Smart Hotel Self-Service KIOSK
- Passengera Fleet Connectivity and Infotainment Solution
- PerfecTron Level 4 Autonomous Shuttle
- Phonexia Speech Platform
- PMY Group Venues Facility and Transportation Optimization
- Ponfac Count
- PreciTaste Prep Assistant
- Prescriptive Data NANTUM
- Pegatron 5G Private Network Solution: Digital Resilience
- Prowise Full Solution for Education
- Prox Systems Co., Ltd. Restaurant Smart Service Solution
- Powered Digital Public Information Display
- PT. Murni Solusindo Nusantara AI
- Pure Storage FlashBlade for Genomics
- Pyramid Computer Essentry Visitor Verification
- Pyramid Computer GmbH Self Checkout Kiosk
- Pyramid Computer Magic Mirror
- Pyramid Computer Restaurant Ordering Kiosk

Q

- Q-Net Security – Cybersecurity Hardware Solutions
- Qualitas Technologies EagleEye Platform
- Quanergy Flow Management

R

- Relimetrics AI-Based QA Automation System for Electronics Assembly
- RF Controls Overhead CS Smart Antennas for Battery-Free RFID Based Real-Time Location
- RonPos - OnPrem Manageability System for Fuel Convenience Stores

S

- Schoolnet India Limited K-Class Powered by K-Yan
- Seavo Kiosk Peripheral Management and USB Auto-Recovery
- Seavo Real-Time Face Recognition Gate
- Sertek All-in-One AI NVR
- Sertek EZcon Smart Building System
- Sewio Real-Time Location System
- Shandong Extreme Vision Open Kitchen Solution
- Shandong Extreme Vision Co., Ltd. Smart Community AI Solution
- Shandong Extreme Vision Co., Ltd. Smart Factory AI Solution
- Shandong Extreme Vision Co., Ltd. Smart Retail AI Solution
- Shandong Extreme Vision Smart Traffic Violation Review Solution
- ShareTech Information OT Security Solution
- Shenzhen Extreme Vision Intelligent Security Check
- Shenzhen Genew Intelligent Technology Multifunctional Smart LightPoles
- Shenzhen SED Initta Intelligent POS Solution
- Shenzhen JHCTECH Road Pricing Inspection System

Solutions from S-U

Click the solutions to learn more about them

S

- Shinsegae I&C Spharos Cloud POS
- 7 StarLake 5G C-V2X Smart Traffic
- Staqu Technologies JARVIS For Manufacturing
- ST Engineering AGIL Smart Car Park Suite
- Super Micro Computer Inc. Retail Edge Evolution
- Sindrax Intelligent Gamified Kids (Pre-school) Education System
- Sindrax Technology Interactive Multimedia Sports Game
- Skratch & ANQ Phygital Video Wall
- Smart Board Interactive Display with Smart Ops PC
- SMRT1 POD
- SNS Network SDN BHD JOI Smart Classroom
- Supermicro Industry 4.0 Evolving
- Supermicro Intelligent Secure Edge
- Supermicro Smart Digitalized Production Process Enhances Quality Control
- Systems with Intelligence Visual/Thermal Asset Monitoring System
- Sophic Automation Sdn Bhd Manufacturing Lights Off
- SSE Mayflower Insite Sentinel
- Synnex Technology International - Smart MES for Factory

T

- Taiyi Wulian Co. Limited Space Guardian G1
- Tata Consultancy Services TCS Equiptix
- Tata Consultancy Services Ltd. Self-Checkout Loss Prevention Solution
- TD Synnex Mobile Connected First Responder
- TELELOGOS Media4Display
- Telesoft TDAC
- Theatro Intelligent Voice Assistant for the Frontline Workforce
- Thundersoft Holographic Intersection Solution
- TITANUS EYEoT DSS
- Toshiba Self Service Retail Total Solutions
- Toshiba TCxTM 800 All-In-One POS and Remote Monitoring In-Store Experience
- Touch Cloud AI@Sense LPRS
- TouchSource Digital Directory Experience
- Touch Cloud/WPI TC Telescope
- Touch Cloud Abaci – The Realtime Flow and Crowd Counting Solution
- Touch Cloud Inc. Portable Smart Construction Site Surveillance and Event Detection System
- Trison signage.ninja
- Trueform Indoor and Outdoor Digital Advertising Displays
- TTTech Industrial Nerve Blue
- Tvarit Industrial AI Solution

U

- UST Global: Retail Analytics for Covid-19 and Beyond
- UST Vision Checkout Kiosk

Solutions from V-Z

Click the solutions to learn more about them

V

- Vaelsys V4
- Vecow VHub AI Fever Scan Solution Vecow Co., Ltd. Machine to Machine Solution
- Vecow Surface Defect Inspection Solution
- Vecow Sterilization AMR
- VeeMed TeleHealth Care Delivery
- Vehant Technologies TrafScan® Vehicle Detection System
- V-Series Drive-Thru Analytics Solution for Quick Service Restaurants (QSR)
- V-Sync SmartVendor
- Vesystem Cloud Terminal Healthcare Solution
- Videonetics Intelligent Video Management Software
- ViewSonic ViewBoard
- ViewSonic Wireless Collaboration Display

W

- WiCis Health 3.0
- Widya Robotics Intelligent Gate
- Wincomm Corporation Smart EMR Solution for e-Healthcare
- Wincomm Corporation Smart Hygiene Control Solutions
- Winmore Digit-China Barcodeless Goods Identification Kit
- Wintec QINGDAO Self-Checkout Solution Enabled with Loss Prevention
- Wipro Limited Digital Twin for Smart Buildings
- Wipro Limited Edge Device Management for OT and IoT
- Wipro Limited Smart i-Building
- Wipro Smart i-Mine
- Wobot Hygiene and Safety Module
- WolfVision Cynap Pure
- Wuxi Xinje Vision Guided Intelligent Welding System

X

- Xesol Drivox
- Xinje Electric X-SIGHT: Intelligent Industrial Controller

Y

- Yanolja Y FLUX Kiosk Smart Hotel Lobby
- Yoi System Co., Ltd. i-X (i-ECS: Intelligent-Edge Control System)

Z

- Zhejiang Jandar Technology Wise Medical Treatment
- Zotera Radius Industrial Automation Technologies
- ZRT Intelligent Medical Image Review and Consultation

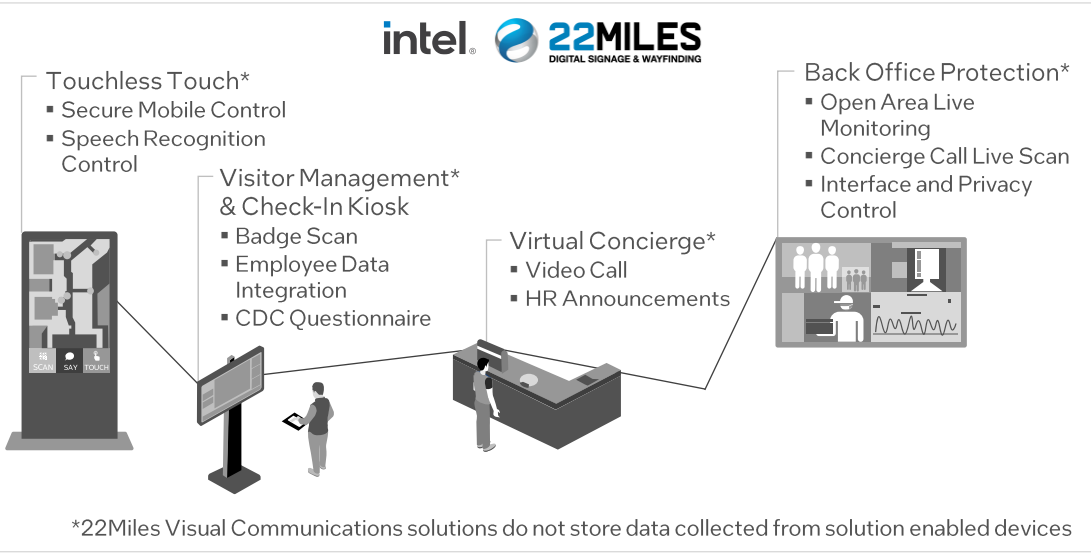
22Miles Visual Communications

Solution Overview

22Miles Visual Communications provides corporate communications solutions that can be customized for any brand, aesthetic, or function. Integration agnostic, this solution meets the communications needs of a wide range of scenarios including operations, marketing, and security.

Value Props

- Optimize operations and ease of management by improving corporate communications, increased security, room booking and conferencing, hoteling, hot-desking, and guest management
- Increase engagement by centralizing communications with dynamic custom content, supported by cloud computing and AI tools, that integrate past and live-time user data captured at the device's edge
- Augment safety and security with Protection-as-a-Service™ by controlling authorized access and publishing real-time alerts to help mitigate public health and execute emergency protocols



*22Miles Visual Communications solutions do not store data collected from solution enabled devices

Intel Components

- Intel® Celeron® Processors
- Intel® Core™ i3, i5, i7, i9 Processors

Target Vertical: Other

Secondary Verticals: Government, Banking, Education, Health & Life Sciences, Hospitality, Transportation

Target Use Case: Interactive Media

Geo Availability
Asia/Pacific/ Japan, People's Republic of China, Europe/Middle East/Africa, United States, Latin America and Canada

Learn More

- 22Miles Resources and Case Studies
- Digital Signage for Corporations
- Intel® & 22Miles - Solutions Video
- 22Miles Supported Integrations

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22MILES
DIGITAL SIGNAGE & WAYFINDING

22Miles Interactive Wayfinding Kiosk

Solution Overview

A powerful digital signage solution that improves the wayfinding experience by helping end-users navigate busy, complex transportation hubs and buildings using interactive, real-time navigation, mapping, and info, all easily managed from the 22Miles Publisher Pro CMS.

Value Props

- Inform and engage end-users with dynamic messaging, AR content, and 3D map views
- Improve the wayfinding experience with smart pathway algorithms and destination routing
- Simplify signage management through a centralized content management systems



Intel Components

- Intel® NUC featuring Intel® Core™ i5 and Intel® Core™ i7 processors
- Intel® Xeon® processors

Target Vertical:
Transportation

Secondary Verticals:
Hospitality, Education, Health & Life Sciences, Government, Enterprise

Target Use Case:
Interactive Media
Secondary Use Case:
Situational Monitoring

Geo Availability
North America, South America (except for Argentina), EMEA, APAC (Japan, Korea, Hong Kong)

Learn More

- 22Miles interactive wayfinding kiosk product webpage
- 22Miles case studies

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22MILES
DIGITAL SIGNAGE & WAYFINDING

Interactive Video Walls

Back to Retail Solutions
Back to Interactive Media Use Cases

Solution Overview

The 22Miles video wall solution is compatible with any Intel® Core™ i5, i7 to i9 based player. Once engaged with a customer, the first task is to define the technical requirements, such as the video wall size, the resolution, the desired design and application usage, and the different media file formats to use. The next step is to upload the content into the CMS and set up how the content will be shown where, when, and how. The CMS software works simply off the Width and Height canvas and some added calibrations with the Intel-based player to ensure that content is published and displayed in the area as defined. Interactivity data gathered at the edge is also sent to this platform for insights and analysis, allowing clients to build and manage video wall solutions with easily customizable content zones and other personalization.

Value Props

Engage with potential customers by leveraging real-time data to deliver custom automated, high-resolution, engaging content

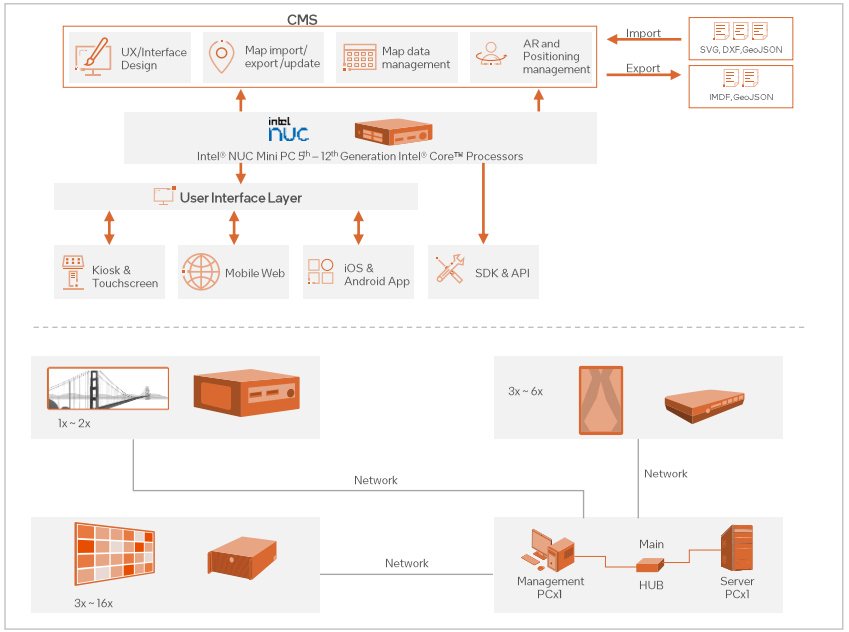
Reduce operational complexity and relieve team workloads by deploying an easy-to-use and to-learn CMS. This allows practically any staff to manage, schedule and publish interactive media quickly without involving IT.

Deploy and scale with ease by utilizing a platform designed to integrate as many 3rd party APIs as necessary to help clients successfully connect the 22Miles hardware and software with their existing systems. Admins can enjoy quick and easy control with drag-and-drop functionality when curating content.

Optimize content distribution through content management software that handles animations, high-definition videos, and live data feeds that can be deployed on any screen, at any size, and remotely managed from anywhere.

Intel Components

- Intel® Xeon™ SP Gold
- Intel® NUC



Target Vertical: Retail
Secondary Vertical: Banking/Financial Services, Education, Government, Hospitality and Restaurants, Manufacturing, Transportation and Warehousing, Healthcare
Partner-Provided Vertical: Large Venues and Convention Centers, Casinos and Resorts, Mixed-Use

Target Use Case: Interactive Media
Secondary Use Case: Logistics & Tracking
Partner-Provided Use Case: Visual Communications

Geo Availability
Global

Sales Contact
imari.adams@mail.22miles.com

Learn More
- Corporate Offices Video Wall - Nationwide
- Video Walls | Digital Signage & Wayfinding Software
- Contact Us | Digital Signage & Wayfinding Software

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Acromove Private 5G

Solution Overview

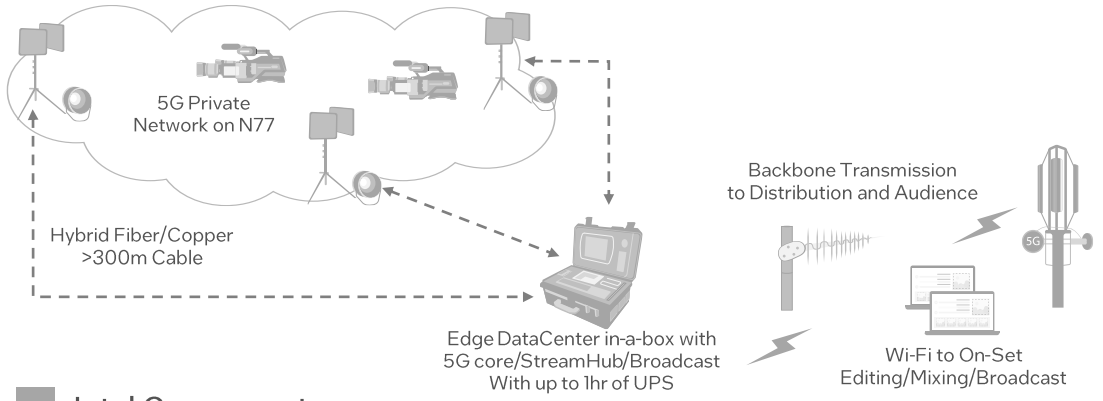
The broadcasting industry has traditionally relied on point-to-point COFDM or public 5G networks for streaming and data transmission. However, these technologies are not without their limitations. Network congestion from smartphone users at live events, restricted camera mobility within the venue, and compromised connectivity, negatively impact viewers' experiences and broadcasters' potential revenue streams. Acromove Inc.'s Private 5G solution addresses the challenges of traditional wireless technologies and public 5G networks by combining private 5G networks and edge cloud computing within a compact, efficient, and easily deployable system. Integration with wireless broadcast cameras is assisted by the solution's inherent edge datacenter capabilities and onboard decoders. Equipped with 5G modems and encoders, the solution provides unmatched mobility and flexibility for camera movement on location. Acromove Private 5G helps broadcasters achieve seamless streaming and maximizes the viewer experience making it an unparalleled choice for the ever-evolving world of live event broadcasting operations.

Value Props

Optimize broadcast operations with a solution that deploys in 15 minutes and includes an uninterruptible power supply to minimize disruptions during critical moments of the event

Elevate audience experience and reach by providing seamless high-quality, real-time live streaming to help keep viewers engaged throughout the event and potentially attract larger online audiences, maximizing revenue opportunities through advertising, pay-per-view, and sponsorships

Scale network coverage as needed by customizing the number of 5G small cell antennas deployed around the event space to optimize coverage for each venue and event.



Intel Components

- Intel® Xeon® E3
- Intel® Ethernet 810
- Intel® Smart Edge

Verticals:
Agriculture, Energy, Government, Hospitality & Restaurants, Manufacturing, Retail, Transportation & Warehousing

Use Cases:
Asset & Operations Optimization, Energy Monitoring & Management, Interactive Media, Machine Condition Monitoring, Situational Monitoring

Geo Availability:
Americas, EMEA

Sales Contact:
George Katiniotis
george.katiniotis@acromove.com

Solution Webpage:
Acromove Inc. Private 5G

Learn More:
Acromove Inc. Homepage

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alfabeta

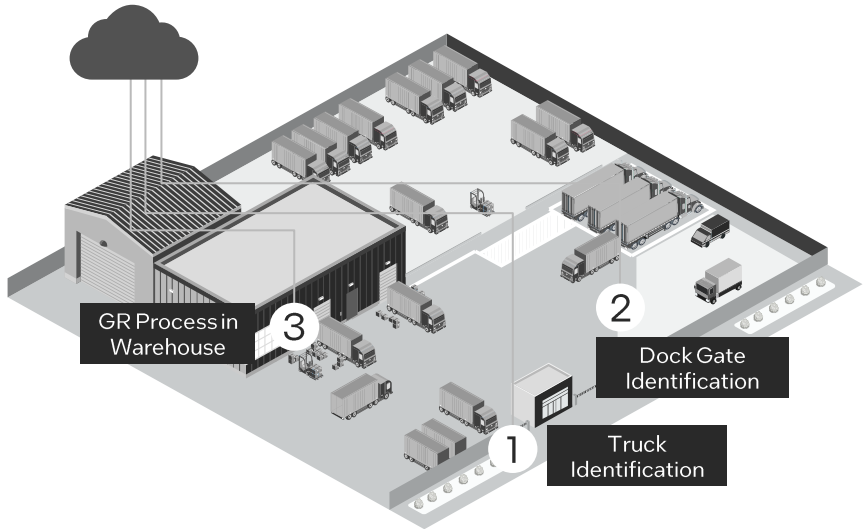
AI-Powered Logistic Solution – Alfabeta

Solution Overview

A solution that provides real-time information of all activities and movements, allowing end-to-end management of flow of goods, and data-driven analytics for decision making. This effectively addresses the need for more efficient logistics costs to gain competitive advantages.

Value Props

- Increase efficiency and shorten cycle time
- Generate effective control, transparent procedures, and real-time monitoring
- Improve sales and business profitability by enhancing existing systems and processes



Intel Components

- Intel® Xeon® Processors
- Intel® Core™ i5
- Intel® NUC
- Intel® OpenVINO™ toolkit
- Intel® Media SDK
- Intelligent Video Analytics
- Optical Character Recognition
- Heatmap Generation
- Facial Recognition Technology

Target Vertical: Manufacturing

Target Use Case: Logistics & Tracking

Secondary Use Case: Situational Monitoring

Geo Availability

Available in APJ

Learn More

- Proof of Concept Report
- Alfabeta Technology Solutions
- Alfabeta Partnership with Intel

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AIRA Corporation airaTrack

Solution Overview

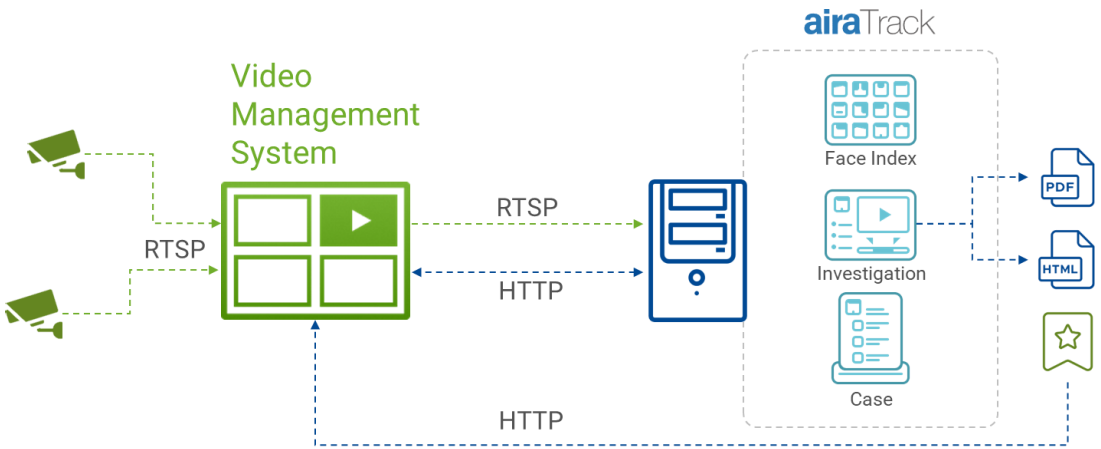
airaTrack is an intelligent monitoring solution that captures, matches, and tracks faces without violating individual privacy by using automatically-generated face indexes. Faces can be captured in real time or pulled from an existing video archive. By reviewing and making a selection from an index of faces, authorized personnel leverage AI to review all video streams across the venue that contain the selected face, while other individuals are blurred. This solution can be used in most environments and with an organization's existing camera equipment. Video data from cameras is distributed by VMS software to airaTrack where it's processed at the edge.

Value Props

Help improve security for customers and employees by leveraging an intuitive, AI-enabled smart monitoring solution

Maximize ROI by leveraging existing camera infrastructure and scaling easily through adding or subtracting camera feeds

Improve security team efficiency with AI-enabled, automatic face search and matching functions that save hours of manual search time



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ processors
- Intel® Xeon® processors
- Intel® NUC

Target Vertical: Manufacturing

Secondary Vertical: Retail, Transportation and Warehousing, Government

Target Use Case: Situational Monitoring

Geo Availability: APJ, Americas, EMEA

Learn More

- airaTrack Product Page
- aira Corporation Website

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AllGoVision
see. sense. secure

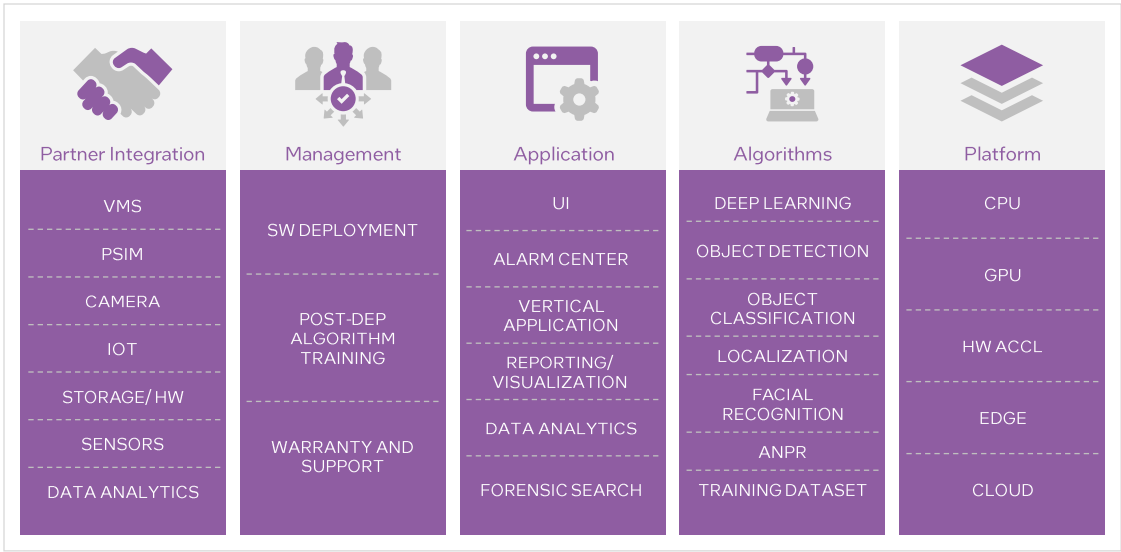
AllGoVision – AI Powered Video Analytics

Solution Overview

A reliable and accurate surveillance AI solution capable of analyzing a wide set of 50 edge events in smart cities, buildings, and smart businesses by tracking up to 200 cameras per server

Value Props

- Monitor cities and traffic with alarm cases from speed alerts, to license plate recognition
- Secure smart buildings by monitoring boundary crossings, and smoke and object detection
- Gain business insights by tracking crowd movement and facial recognition



Intel Components

- Intel® Core™ i7
- Intel® Xeon®
- Intel® Vision Accelerator Design Products with Intel® Myriad™ Movidius™ X VPU

Target Vertical: Government
Secondary Verticals: Retail, Banking/Financial Services, Hospitality, Education, Manufacturing, Transportation, Agriculture

Target Use Case: Situational Monitoring
Secondary Use Cases: Environment Monitoring, Product Inspection, Human Wellness Monitoring

Geo Availability: Globally

Learn More

- Reach out to the deployment contact at contact@allgovision.com
- Visit the AllGoVision website at https://www.allgovision.com
- Order by reaching out to the deployment contact at contact@allgovision.com or by visiting the AllGoVision website at: https://www.allgovision.com/

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Ambient Clinical Analytics Aware Family

Solution Overview

AWARE is a digital health clinical decision support system that provides a clinical "smart view" of Electronic Health Record data to reduce the risk of medical error and improve patient outcomes. We provide point of care and clinical command center solutions to improve care for conditions like sepsis. It works with your EMR system and bedside monitors to present only relevant information configurable for your care practice on a single screen dashboard.

Value Props

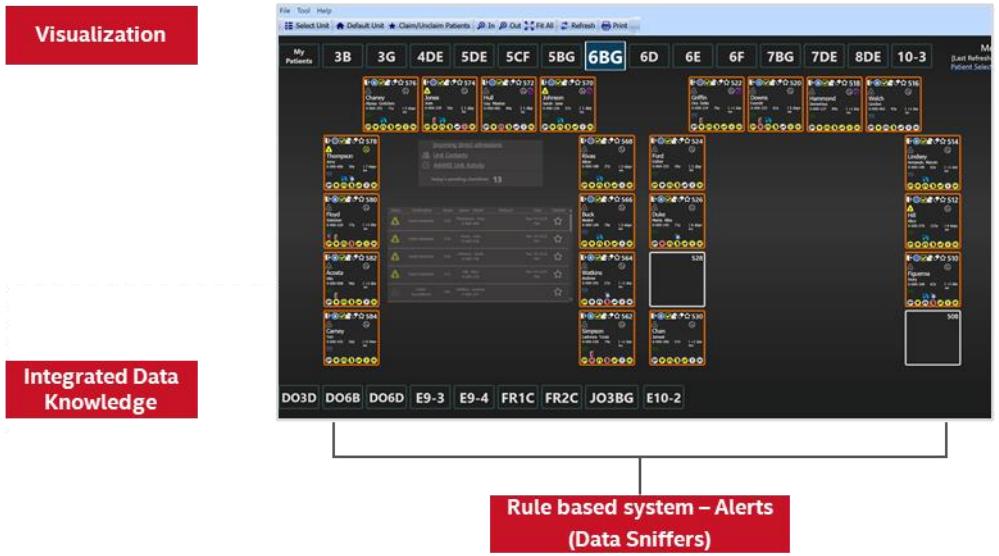
Reduce clinical errors – employs EHR system and bedside device data to present pertinent information at the point of care with intuitive visualization

Drive medical best practices – Enhances clinical protocol compliance by ensuring bundle therapies and timelines are met

Reduce costs for patients & providers Increases quality, decreases length of stay, eliminates unnecessary costs, and streamlines clinical workflows

Intel Components

- Intel® Xeon™ Processors
- Intel® Core™ i5 Processors



Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness Monitoring

Secondary Use Case:
Interactive Media

Geo Availability
North America, (Europe, China, and India pending end of Q1 2019)

Learn More
Ambient Clinical Analytics Aware Family website

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AIBDT Analysis Decision Platform

Solution Overview

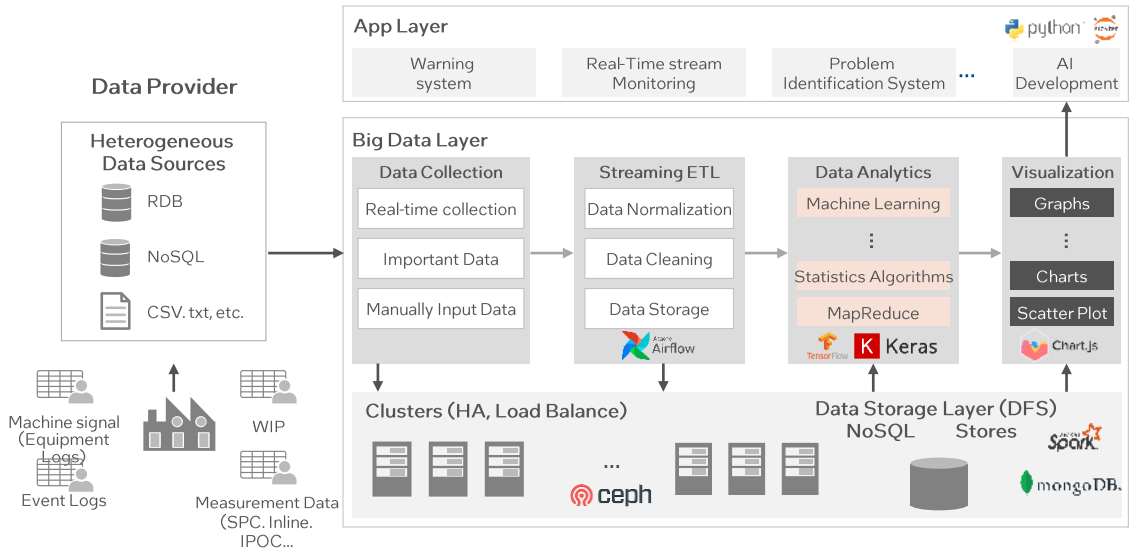
The AIBDT Analysis Decision Platform helps semiconductor manufacturers achieve their Industry 4.0 goals by collecting data from all aspects of the factory and using AI to analyze the collected information, identify production abnormalities, and generate multiple report types so users can harness insights to increase fabrication efficiency, decrease losses, and improve product quality. AIBDT's modular structure provides a flexible combination of scalable hardware, software, development tools, and consultancy services that ensures users are optimizing their IoT investments and implementing continuous improvements.

Value Props

Reduce labor costs: by decreasing the number of staff and time required to record, analyze, and convert complex data sets into valuable reports

Optimize for efficiency: by leveraging comprehensive data, analytics, and consultancy services to make informed adjustments to production processes, workforce utilization, equipment usage, and factory layouts to streamline factory workflows, improve product quality, and increase delivery rate

Reduce downtime: by providing maintenance staff with abnormal data trends in real-time so they can quickly and accurately identify, assess, and correct the root causes of abnormalities anywhere in the plant



Intel Components

- Intel® Core™ i5 Processors

Target Vertical:
Manufacturing

Target Use Case:
Situational Monitoring

Secondary Use Case:
Energy Monitoring & Management, Environmental Monitoring, Logistics & Tracking, Machine Condition Monitoring, Product Inspection

Geo Availability
Brazil, Canada, Mexico, United States, Other Americas, Australia/New Zealand, India, Japan, South Korea, PRC, Taiwan, Germany, Israel, Middle East, North Africa, Turkey, Russia, Sub Saharan Africa, UK

Learn More
AIBDT Solution Website

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AiMall Virtual Store Supervisor

Solution Overview

The Virtual Store Supervisor (VSS) functions as a digital version of a human supervisor. The VSS leverages digital sensors such as cameras, temperature and humidity readers and microphones to read the flow of customers and their level of engagement within the store/restaurant. Sensors also gather inanimate data, including the availability and usage of tables, supplies, and inventory, and how products and visuals are displayed. Additionally, data regarding staff allocation and performance is gathered to enhance service. All data and insights collected can be communicated to store managers remotely so that they can take quick action.

Value Props

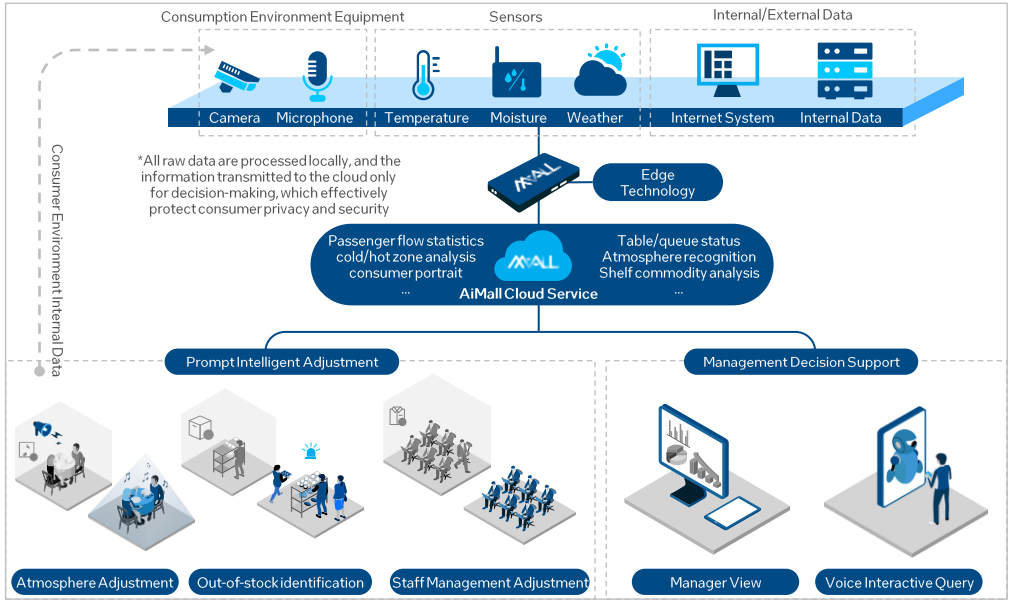
Reduce operational costs by monitoring inventory in real-time and reducing the need for labor for in-person monitoring.

Enhance customer experience by reading level of engagement, service standards, and employee performance for quick responses to any issues.

Scale business quickly by removing the need for in-person management in stores; easily create new locations that can be monitored in real-time remotely.

Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel Atom® Processors
- Intel® Core™ Processors
- Intel® Xeon® Processors
- Intel® Iris® Xe graphics
- Intel® HD Graphics
- Intel® Movidius™ Vision Processing Units



Target Vertical:
Hospitality

Secondary Vertical:
Retail

Target Use Case: Control Optimization & Autonomy

Secondary Use Cases:
Environmental Monitoring, Interactive Media, Energy Monitoring & Management, Machine Condition Monitoring, Asset & Operations Optimization, Situational Monitoring, Human Wellness Monitoring, Product Inspection

Geo Availability
People's Republic of China

Learn More
- AiMall website

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aira

airaFACE

Back to Manufacturing Solutions

Back to Human Wellness Monitoring Use Cases

Solution Overview

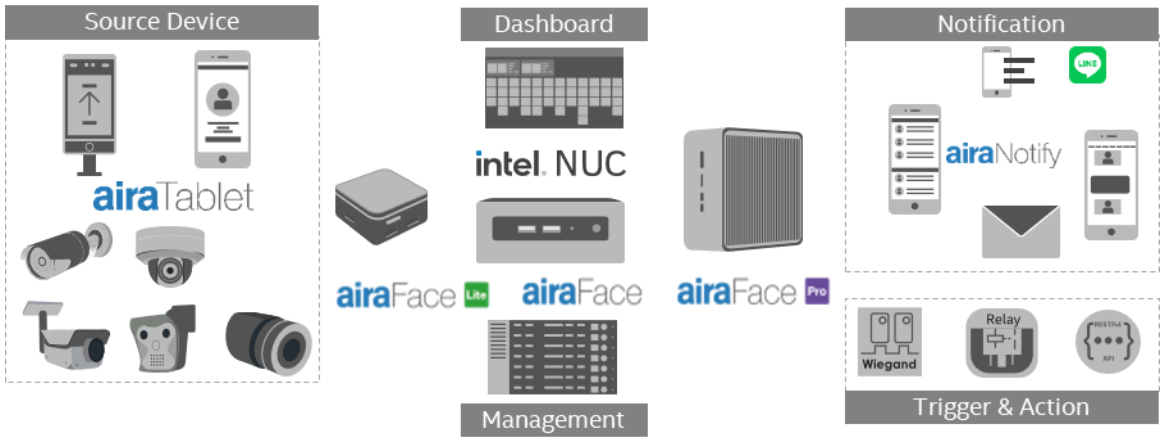
The AIRA airaFace solution provides highly accurate facial recognition capabilities for customers. Implementing a proprietary facial recognition engine, faces from multiple inputs such as cameras, tablets, and NVRs are analyzed to perform access control management, attendance tracking, visitor self-check-in, watchlist and deny list, VIP detection, and more.

Value Props

Simplify access points and clearances for employees and partners with a seamless welcome system, surveillance, and notification systems

Enhance security and safety with facial recognition capabilities and person/user management

Reduce labor costs with customizable, fully-automated identification and access systems



Intel Components

- Intel® NUC
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Xeon® Processors
- Intel® Core™ Processors

Target Vertical:
Manufacturing

Secondary Vertical:
Hospitality, Retail

Target Use Case:
Human Wellness Monitoring

Geo Availability
United States, United Kingdom, Japan, Taiwan, Southeast Asia

Learn More
- AIRA website

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AOTU

AI Smart Vision Solution

Solution Overview

OSHA reports, that in 2021, an average of 14 fatal occupational injuries occurred each day.[1] Of these injuries, at least 9 were caused by fall, slip, and trip accidents, contact with objects and equipment, or transportation incidents.[2] Despite being rife with potentially hazardous areas, dangerous equipment, and limited human supervision, factories often have limited tools to effectively manage safety. Together, Aotu and Intel® created an intelligent video solution to digitally transform factory worker safety management in these environments. The AI Smart Vision Solution For Factory Worker Safety integrates existing video management systems with artificial intelligence technology to detect various risks in factory production and operations. The solution delivers comprehensive AI inspection reports and warning alerts for key scenarios and employee behaviors to help improve safety compliance. Management teams are thus enabled to rapidly identify problems and efficiently create preventative solutions to avoid severe injury and accidents in the workplace.

Value Props

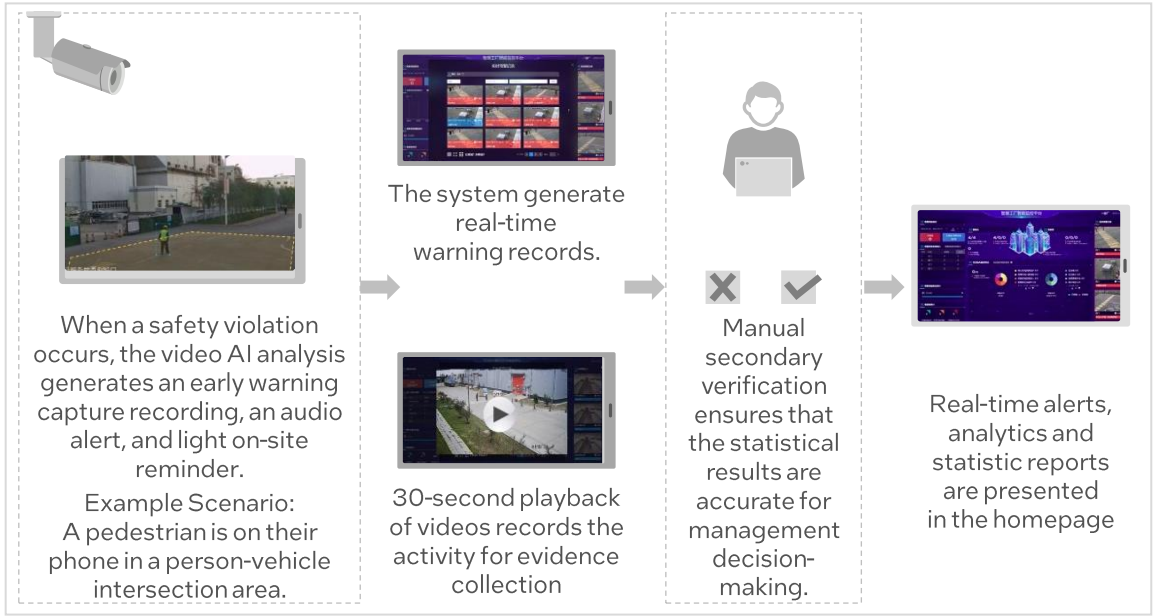
Help improve safety outcomes and prevent incidents by leveraging computer vision to detect safety violations and potential hazards.

Reduce operations cost and workload with edge AI that leverages existing monitoring infrastructure and automatically generates daily safety compliance reports.

Expand easily with a flexible configuration that supports integration with other enterprise applications and enables rapid scaling and accommodation of custom scenarios.

Intel Components

- Intel® Core™ i7, i9 processors
- Intel® Xeon® processors
- Intel® Distribution of OpenVINO™ toolkit



Target Vertical:
Manufacturing

Secondary Verticals:
Energy, Retail, Transportation and Warehousing

Target Use Case:
Human Wellness Monitoring

Secondary Use Case:
Environmental Monitoring, Product Inspection, Situational Monitoring

Geo Availability:
Americas, EMEA, PRC

Sales Contact:
sales@aotu.ai

Solution Webpage:
Aotu.ai - An AI Smart Vision Solution For Factory Worker Safety Solution Webpage

Learn More:
Aotu.ai

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ASUS EndoAim Endoscopy AI Solution

Solution Overview

Colorectal cancer is the third most common cancer worldwide[1]. While diagnosing colon-related cancers is a straightforward procedure, spotting abnormalities along all 6 feet of the large intestine is still a labor-intensive process prone to human error. Research shows that, even with highly skilled doctors, adenoma detection rates plummet by end of day due to fatigue or operators rushing through procedures[2]. Together, ASUS and Intel created the ASUS EndoAim Endoscopy AI Solution to assist medical practitioners with real-time identification and classification of polyps in colonoscopy images. The solution tags suspected polyps and other abnormalities with accuracy and sensitivity rates over 90%. Leveraging the solution, doctors are able to increase their polyp detection rate leading to more accurate evaluations and avoiding unnecessary tissue biopsies or additional procedures.

Value Props

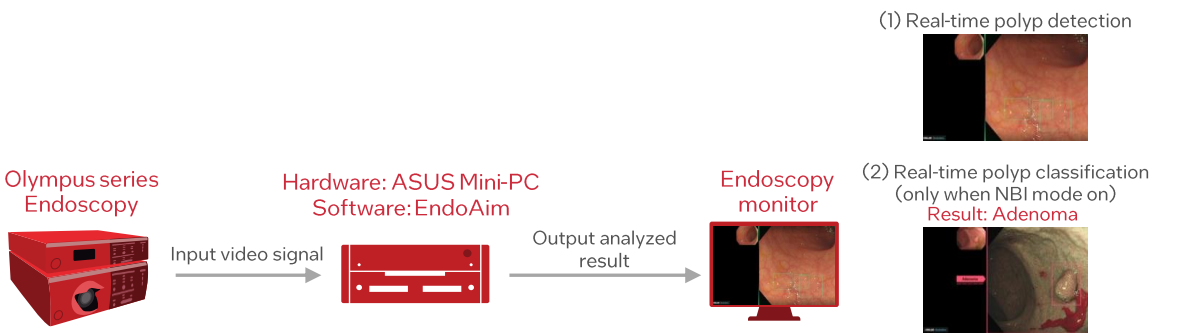
Improve detection and reduce miss rates with the solution operating as another pair of eyes to accurately detect polyps, even those that can be easily overlooked

Provide accurate diagnoses with AI polyp classification, helping to avoid unnecessary biopsies and improve patient care

Maximize value of currently owned equipment with a solution that easily integrates with existing endoscopy systems

Intel Components

- Intel® Core™ i5 processors
- Intel® Core™ i7 processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Iris® Xe



Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness Monitoring

Geo Availability:
APJ

Sales Contact:
Sabrina Liu – sabrina_liu@asus.com
Sales Assistance – aimedical_service@asus.com

Solution Webpage:
ASUS EndoAim Endoscopy AI Solution

Learn More:
ASUS Website

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AUTOCANTEEN

Autocanteen Self-Service

Back to Hospitality Solutions
Back to Asset & Operations Optimization Use Cases

Solution Overview

The Autocanteen Self-Service is an AI powered self-checkout solution using computer vision and machine learning to recognize items like food on plates or packaged drinks and snacks to help in-store customers carry out transactions more quickly and precisely. The solution starts by scanning food objects using a 3D Image scanner to capture high quality images of food products. Once the scanner captures the image, an intelligent computer vision algorithm breaks the image down by context to detect and classify objects by known classes using a deep neural network of AI. Analyzed data is then sent to the cloud for knowledge-sharing purposes and clients get access to all their data via a cloud-based dashboard where all menus, inventory, sales, etc. are combined and available 24/7. All communication occurs via wired interfaces with no sensitive customer information processed during the transaction.

Value Props

Empower your team by requiring only one employee to oversee multiple self-checkout points. Delegate staff with non-checkout tasks to drive new business outcomes and improved customer service

Reduce queues by processing transactions within 10 seconds on average. Higher throughput during peak times will also mean increase in revenue

Stay innovative and impress clients by encouraging more customer engagement and revenue growth with Autocanteen's unique digital catering offerings

1. Scan
Depth camera captures high quality 3D image.

2. Detect objects
Intelligent computer vision algorithm breaks image down by context.



3. Classify
Deep neural network AI segregates found objects by known classes.

4. Learn and sync
Learnt data sent to the cloud building up the knowledge-sharing network.

Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i3 Processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Hospitality

Secondary Vertical:
Retail

Target Use Case:
Asset & Operations Optimization

Geo Availability
Americas, Europe, Middle East, and Africa

Learn More
Autocanteen Homepage

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AvidBeam Video Analytics

Solution Overview

The AvidBeam Video Analytics solution helps customers improve the safety and security of their working environments by extracting data from video footage to deliver real-time alerts to the flow of traffic and community incidents. The data insights are then analyzed to deliver holistic business intelligence reports in elegant visual formats, which can be easily understood and acted upon accordingly. The solution supports a wide variety of use case scenarios including anomaly and traffic violation detection, and vehicle and object identification.

Value Props

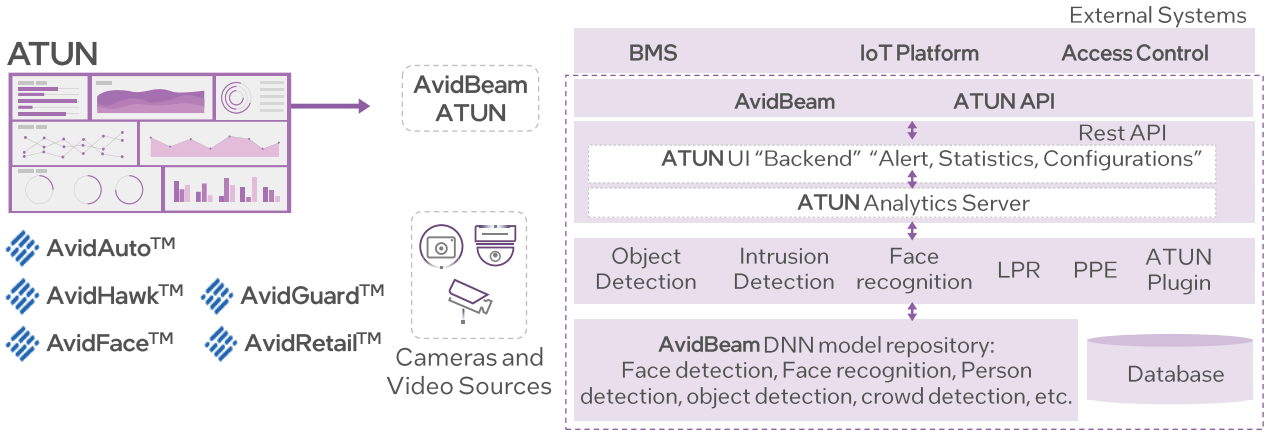
Reduce total cost of operations by extending cloud processing to video in an open platform that can smoothly and quickly scale in a cost-efficient manner

Scale easily with three simple APIs offering a seamless integration process by integrating with third-party computer vision algorithms

Increase safety and security by collecting and analyzing critical data points to automate the decision-making process

Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ i7 processors
- Intel® Core™ i9 processors



Target Vertical: Transportation

Secondary Verticals: Banking/FSI, Retail, Government, Manufacturing, Hospitality

Target Use Case: Situational Monitoring

Secondary Use Cases: Environmental Monitoring, Human Wellness Monitoring, Product Inspection, Logistics & Tracking

Geo Availability: Canada, Mexico, United States, Australia/New Zealand, India, Japan, South Korea, People's Republic of China, Taiwan, Middle East, North Africa, Turkey, Sub-Saharan Africa, United Kingdom

Sales Contact

Hossam Samy - hossam.samy@avidbeam.com

Solution Webpage

AvidBeam Solution Webpage

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Avocor All-In-One Interactive Display with Intel® OPS

Solution Overview

The Avocor All-in-One Interactive Display with Intel® Open Pluggable Specification (OPS) is a high-performance, maintenance free touchscreen that delivers conference-grade audio, video, and productivity tools within a mobile, interactive meeting display. Transform your meetings with an intuitive user experience, smart input switching, and precise, pen-on-paper inking and touch recognition with Avocor Intelligent Touch. Optimize infrastructure management with room environment data and control from a single, centralized dashboard. Avocor interactive displays and software provide a single, cable-free interface for creating immersive environments that enable optimal meeting productivity and collaboration.

Value Props

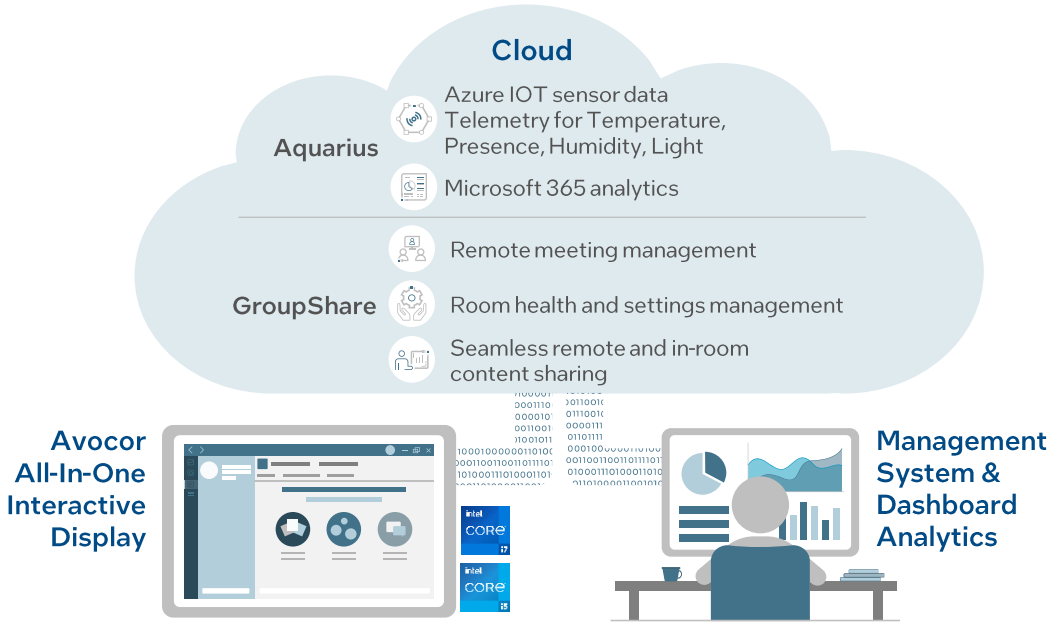
Increase meeting productivity and efficiency with a personalized, plug and play display that's ready to create immersive meeting experiences right out of the box.

Streamline infrastructure management with centralized room health and settings controls. View and manage light levels, telemetry data, and more from a single dashboard.

Transform decision making by gaining valuable data and insights to enhance future meetings, inform room planning and utilization, track meeting agenda status, and more.

Kit Components

- Intel® Core™ i7 processors
- Intel® Core™ i5 processors



Target Vertical:
Banking/Financial

Secondary Vertical:
Government, Health & Life Sciences, Manufacturing

Target Use Case:
Interactive Media

Geo Availability
APJ, EMEA, Americas

Learn More

- Jumpstart your meetings with Avocor
- Learn more about Avocor AVW-5555

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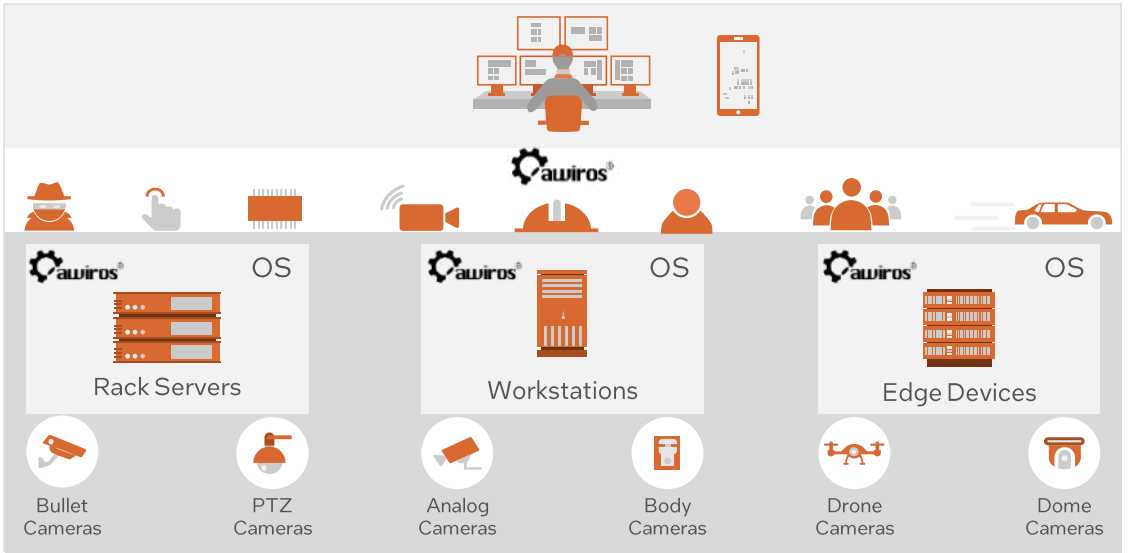
Awiros Video Intelligence Platform

Solution Overview

The Awiros Video Intelligence Platform is a complete, dynamic platform for video intelligence that can be deployed on any camera in a customer's network to address a range of video analytics scenarios. Awiros offers a cloud dashboard, real-time alerts, and AI-enabled insights that help transform video footage into actionable information.

Value Props

- Develop AI apps with ease and deploy them at the edge or in the cloud to analyze any video stream
- Scale with the click of a button across hardware, video sources, and apps to respond quickly to changing needs
- Manage video streams and apps conveniently by dynamically allocating resources across locations, apps, and video sources



Intel Components

- Intel® Core™ i5 processors
- Intel® Xeon® processors
- Intel® Movidius™ Myriad™ X VPUs
- Intel® Ethernet Network Adapter (10GbE)
- Intel® Distribution of OpenVino™ Toolkit

Target Vertical: Retail

Secondary Verticals: Manufacturing, Public Safety, Transportation, Traffic Management, Logistics, and Warehousing

Target Use Case: Situational Monitoring

Secondary Use Case: Asset & Operations Optimization

Geo Availability
Asia/ Pacific/Japan

Learn More

- Awiros Website
- T-Hub Article on Awiros
- Awiros Introduction Video

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Axis Camera Station S-Series Network Video Recorders

Solution Overview

At the core of every video surveillance system is the Video Management Software (VMS) and the Storage Server – also known as a Network Video Recorder (NVR) – where video is stored. This Axis solution provides users with full situational awareness and proactive security.

Value Props

Protect what matters – Axis has a surveillance solution for almost every scenario

Go beyond security – Easily enhance your solution with analytics, network audio and more

Expand easily – Quickly add new devices or other locations



Intel Components

- Intel® Core i5 Processors
- Intel® Xeon® Processors
- Intel® Xeon® Processors
- Intel® HD Graphics

Target Vertical:
Other

Secondary Vertical:
Banking/Financial Services; Education; Energy; Health & Life Sciences; Hospitality; Manufacturing; Government; Retail; Transportation

Target Use Case:
Situational Monitoring

Geo Availability
More than 50 countries

Learn More

- Axis Intel marketplace page
- Axis Camera Station webpage
- Axis communications homepage
- Axis end-to-end solutions for surveillance page

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beamLive, Inc. – Unified Mobile IoT Communication

Solution Overview

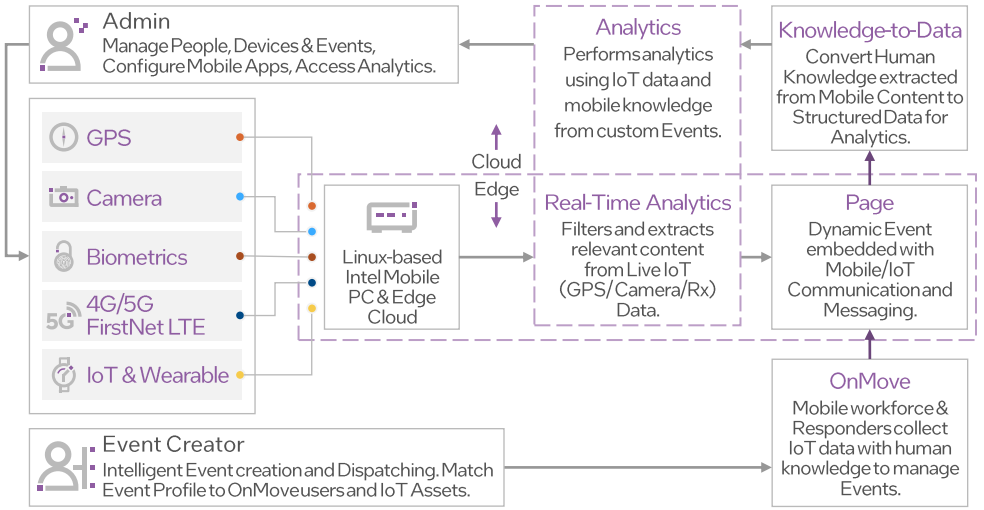
The Beam/Intel partnership has created market-ready Unified Mobile IoT Communications built on integrated edge and cloud computing technologies. It combines AI-processed IoT Messaging, Geo-tagged Content Sharing and Mobile Collaboration features to Mission-Critical and Time-Sensitive operations. It serves high growth markets ready to migrate from legacy voice/text communication to Broadband IoT including Public Safety, Telemedicine, Enterprise UCC, Mobile Workforce and Shared Resources/Assets Economy. Beam utilizes core Intel Edge, AI and networking technologies combined with Beam sub-second IoT connectivity across Wearables, iOS, Android, Linux and Wins Devices. It processes IoT data using AI and filters messages and notifications to a target audience with Analytics in-real-time. The Communication as a Service (CaaS) business model, available via the beamStore™ Powered by Intel, enables Mobile/Web Apps configured by 3rd party developers in just days.

Value Props

Migrate from legacy to broadband IoT communication – take mission-critical communication beyond voice/text only to real-time IoT Messaging including GPS, Biometrics and Video combined with Analytics in-real-time.

Save money replacing multiple apps with beam – beamPlatform integrates multiple IoT services/apps with comprehensive text, voice and multimedia service and allows customization across all mobile platforms in days.

Real-time Actionable Knowledge driven from IoT and Mobile Data – protect and monitor mobile workforce and assets, deliver mission-critical and time-sensitive messages and content in real-time with sub-second latency M2M Connectivity.



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Atom® Processors
- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Core™ i9 Processors
- Intel® Xeon® Processors
- Intel® Iris® Graphics
- Intel® ARC™ Graphics
- Intel® Optane™ Memory
- Intel® AI Edge Server
- Intel® Server GPU
- Intel® NUC

Target Vertical:
Government, Health & Life Sciences, Retail, and Transportation

Secondary Verticals:
Public Safety, Private Security, Mobile Workforce, Logistics & Tracking, and Smart Cities

Target Use Cases:
Situational Monitoring, Unified Communication, Human Wellness Monitoring and Safety, Fleet & Asset Optimization, Real-Time Operational Analytics, and Environmental Monitoring

Geo Availability:
Americas, Europe, and UK

Learn More:
- beamLive Website
- beamLive Products Page

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Xiaoshentong Toll Vehicle Identification and Management Solution Based on Intel Architecture

Solution Overview

The solution utilizes edge computing, AI image recognition, and other technologies integrated with smart cameras, smart fill lighting, IoT monitoring, and radar sensors to provide valuable insights displayed on an intuitive dashboard. Through patented multi-feed 3D vehicle identification technology, the system analyzes the collection of frontal, side, and rear vehicle features and the analysis and restoration of vehicle body (length, number of axles, wheelbase, axle type, number of wheels, side features, etc.) features to provide key supporting data for the classification of vehicle types, along with the comparison and analysis of various vehicle body features. All vehicle license plate and identifying information is encrypted.

Value Props

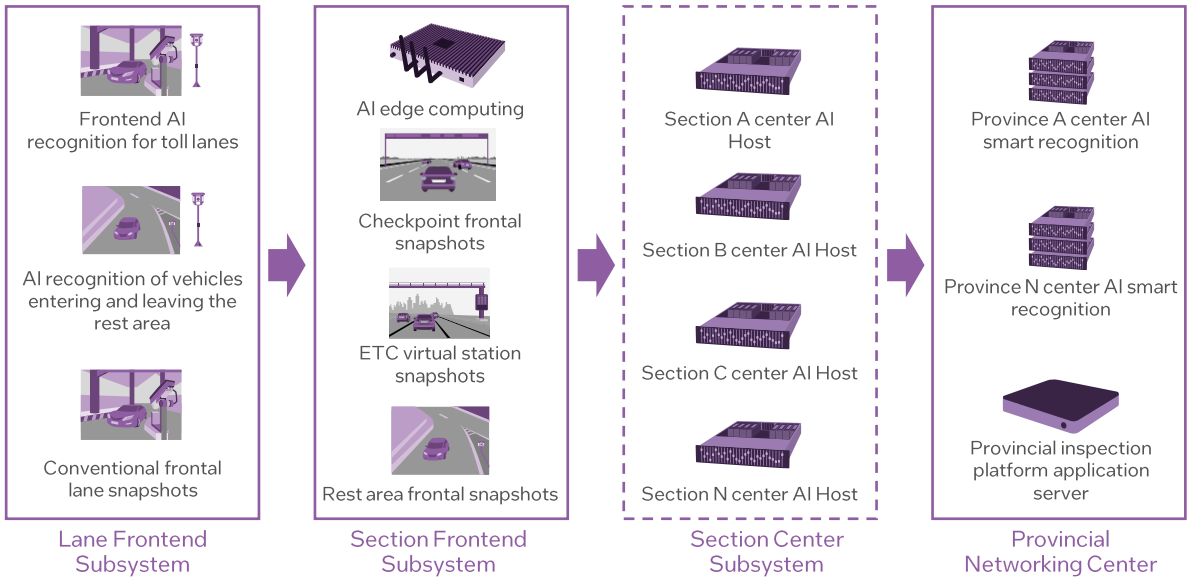
Enhance inspection accuracy with a solution that helps mitigate toll misjudgments and supports anomaly detection

Increase revenue with improved object and vehicle recognition to realize accurate toll station pricing

Optimize operations by automating the tolling process using artificial intelligence to remove errors from manual inspection and decrease inspection and transaction process time

Kit Components

- Intel® Core™ processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Movidius™ Myriad™ VPUs



Target Vertical:
Transportation & Warehousing

Target Use Case:
Asset & Operations Optimization

Geo Availability:
Peoples Republic of China

Learn More

- Xiaoshentong Website
- Beijing Sinoits Technology Website

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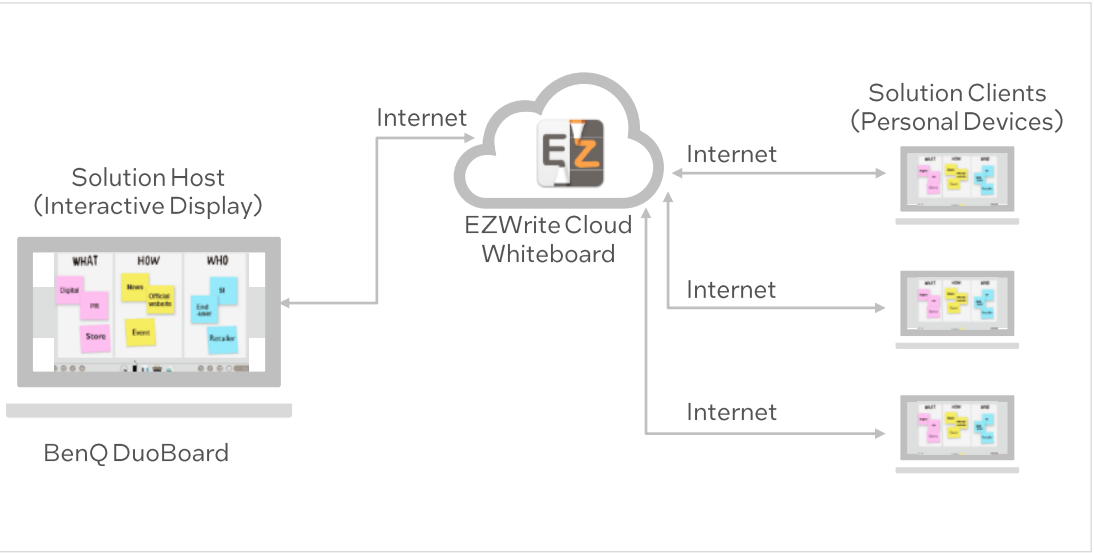
BenQ DuoBoard
Corporate Interactive Display

Solution Overview

BenQ Corporate interactive displays help businesses develop and maintain an environment where ideas flow freely. It allows for extended, seamless team collaboration, and stimulating innovative ideas and is perfect for fostering collaboration then turning team creativities from abstract to real.

Value Props

- Foster a collaborative environment – Double collaboration space or run two operating systems concurrently
- Empower employees to annotate anywhere and share notes/ideas from the office, at home, or on business trips
- Leverage hassle-free management - through DMS Cloud and use NFC technology to help secure user access



Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors

Target Vertical: Other

Secondary Vertical: Corporate; Education

Target Use Case: Interactive Media

Secondary Use Case: Collaboration

Geo Availability
Globally

Learn More

- BenQ Corporation - Intel® Solutions Marketplace
- BenQ Display Solutions | BenQ Business US
- BenQ contact page

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Berry AI

Berry AI, Inc. AI-based Timer System

Solution Overview

Restaurant owners and operators are often unable to take full advantage of the data being captured by their security cameras to measure the speed of service and improve store performance. Other traditional methods, such as loop timers, mystery guests, and stopwatches also provide limited insights and do not completely and accurately measure speed and efficiency. Berry AI Inc.'s AI-based Timer System collects video data of customers in various stages of the customer transaction process, including queuing, ordering, and waiting for food to provide actionable insights for restaurant operators to improve service speed and performance, identify bottlenecks, increase productivity, and enhance the overall customer experience.

Value Props

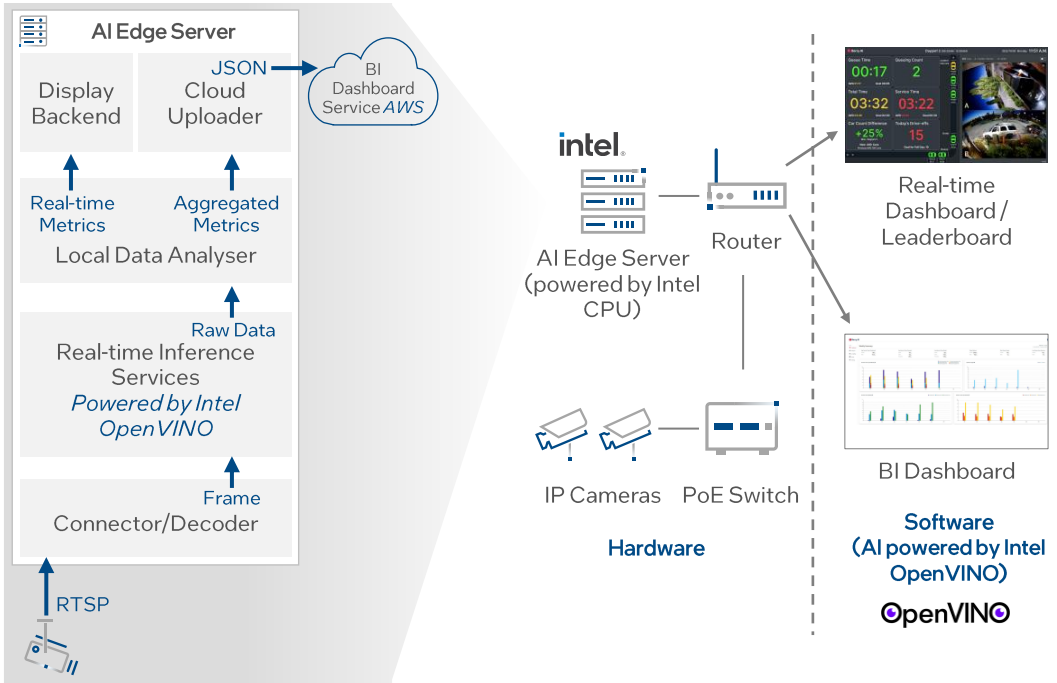
Maximize ROI by leveraging an AI-based Timer System that accurately captures total service time across all phases of the customer journey to provide actionable insights that can reduce wait times and lost sales due to walkouts

Improve customer experience by deploying a solution that analyzes video data to deliver real-time insights via a dashboard that enables restaurant operators to enhance the customer journey across all channels

Enhance security across multiple locations with a solution that integrates as a complete security system, imbuing both existing and new infrastructure with advanced monitoring and protection features

Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Core™ Processors
- Intel® Atom Processors



Target Vertical:
Hospitality and Restaurants

Secondary Vertical:
Retail

Target Use Case:
Asset & Operations Optimization

Geo Availability
APJ, Americas, Europe, Middle East, and Africa

Learn More
- Berry AI Demo
- Berry AI Website

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Biomedica
Simple & Precise

Biomedica DataSense

Solution Overview

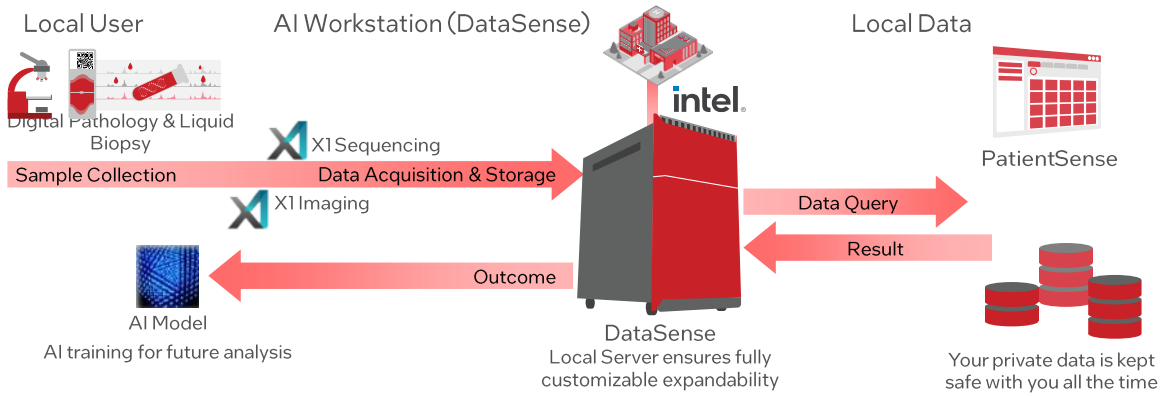
Medical institutions and research labs need high performance computing capabilities to manage complex data workflows. The Biomedica DataSense solution provides healthcare professionals with high-yielding data processing capabilities while integrating and securing clinical workflows for disease detection analysis. Medical professionals can leverage the AI training and models in DataSense to create a personalized diagnostics system to treat patients and practice precision medicine, which considers patients' individuality.

Value Props

Improve patient care with an AI screening solution to support healthcare professionals to overcome challenges during clinical examinations and improve preventative healthcare.

Optimize workload management with a flexible, all-in-one solution that integrates existing workflows for centralized data analysis and AI model training

Lower overhead costs with a one-stop, plug and play solution suitable for data management needs across the medical field that reduces IT management demands



Intel Components

- Intel® Xeon® Scalable Processors
- Intel® Movidius™ Myriad
- Intel® Core™Processors
- Intel® Iris® Graphics
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® oneAPI

Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness Monitoring

Geo Availability
Global

Learn More
- Biomedica Website
- Biomedica DataSense Webpage

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Biomedica
Simple & Precise

Back to Health & Life Sciences Solutions
Back to Human Wellness Monitoring Use Cases

Biomedica Osteoporosis Screening Kit

Solution Overview

The standard method of screening for osteoporosis, DXA, can be difficult and uncomfortable for elderly and injured patients, as the examination takes at least 15 mins and requires patients to hold still during it. The Biomedica Osteoporosis Screening Kit provides a simpler and faster solution for osteoporosis screening that only uses a simple hip x-ray from SEXA, which is available in every hospitals, and generates a report showing the patient's T-score and osteoporosis risk evaluation. The screening process complies with standard medical guidelines for diagnosing osteoporosis, testing bone mineral density, and simultaneously assessing for the presence or risk of fractures.

Value Props

Streamline osteoporosis screening, by leveraging edge AI software to cut the process length from 15+ minutes to 6 seconds, while also increasing medical cost savings by 50%.

Enable early evaluation and detection of osteoporosis with a fraction risk assessment tool that aids in diagnosing and kickstarting treatment with a 95% accuracy rate.

Help increase medical accessibility in mobility scenarios with a kit made to withstand rugged environments that can be deployed in mobile 5G x-ray vans to serve different communities and rural areas.

Proven Results

- **The situation:** Taipei Municipal Wanfang Hospital, one of the major screening hospitals for osteoporosis, found that a large portion of the population of its surrounding community suffered from osteoporosis, as well as sarcopenia (often related).
- **The solution:** The hospital worked with Biomedica to deploy the AI-assisted Osteoporosis Screening Kit solution to broaden screening capacity at its institution with high accuracy.
- **The results:** Since deploying the solution, the hospital has been able to improve accuracy and efficiency. The solution's AI-assisted x-ray technology has nearly doubled the osteoporosis detection rate, helping doctors intervene and provide treatment before it is too late.

Intel Components

- Intel® Core™ i5 Processors
- Intel® Xeon® Processors
- Intel® Movidius™ Myriad™
- Intel® Iris® Xe Graphics

Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness Monitoring

Geo Availability:
APJ

Learn More
- Biomedica Osteoporosis Screening Kit - Solution Webpage

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BirminD
WEG Group

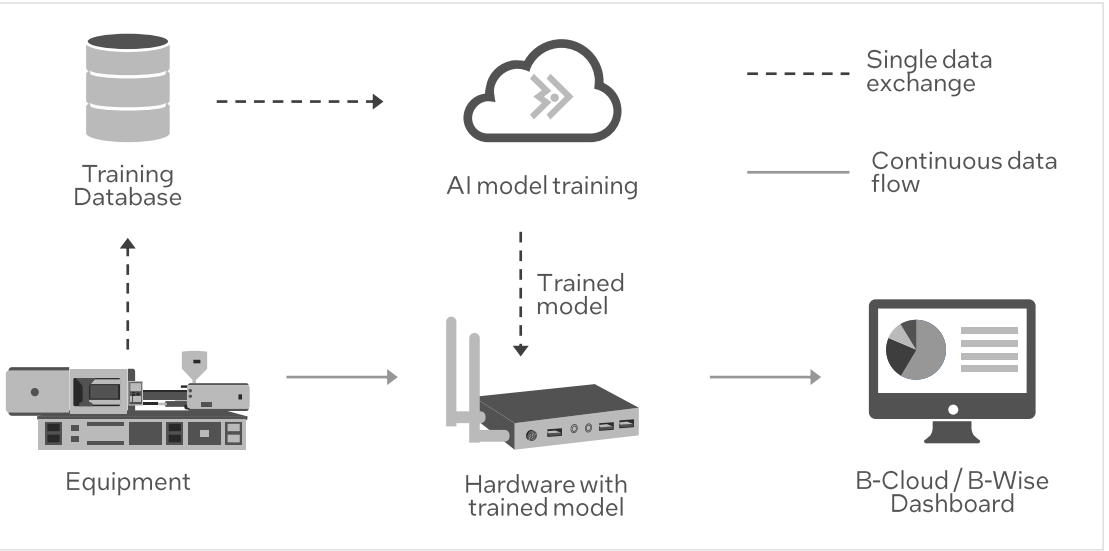
BirminD B-Wise B-Cloud AutoML

Solution Overview

The BirminD B-Wise and B-Cloud AutoML solution helps customers analyze shop floor data in real time to detect anomalies, predict equipment behavior, utilize PID control loop optimization, create digital twins, and more to enable the optimization of factories, prevention of failures, increased revenue streams, and the ability to modernize manufacturing to Industry 4.0 standards.

Value Props

- Improve factory floor efficiency with a solution that automatically analyzes equipment and products to detect anomalies and potential failures in real-time
- Increase ROI and reduce costs with a reliable machine learning solution that identifies product anomalies faster and more accurately than manual inspection
- Streamline factory management with a solution that collects and presents data in real-time to inform decision making



Intel Components

- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors
- Intel® Xeon® E5 Processors

Target Vertical: Manufacturing

Secondary Verticals: Agriculture, Banking/Financial Services, Energy, Health & Life Sciences

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Control Optimization & Autonomy, Energy Monitoring & Mgmt., Machine Condition Monitoring

Geo Availability

Available in Brazil, Canada, Mexico, United States, Other Americas, Australia, New Zealand, India, Japan, South Korea, China, Taiwan, Germany, Israel, Middle East, North Africa, Turkey Russia, Sub-Saharan Africa, United Kingdom

Learn More

BirminD Webpage

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Bits & Bytes Thermal Detection Kiosk

Solution Overview

The Bits & Bytes Thermal Detection Kiosk increases safety of staff and customers and streamlines operations through efficient temperature measurement. Visitors and employees walk up to a kiosk and get scanned for an elevated temperature without attendant intervention, and without touching the screen. It is equipped with an HD LED screen, a touch-free hand sanitizer pump, and an IR temperature sensor.

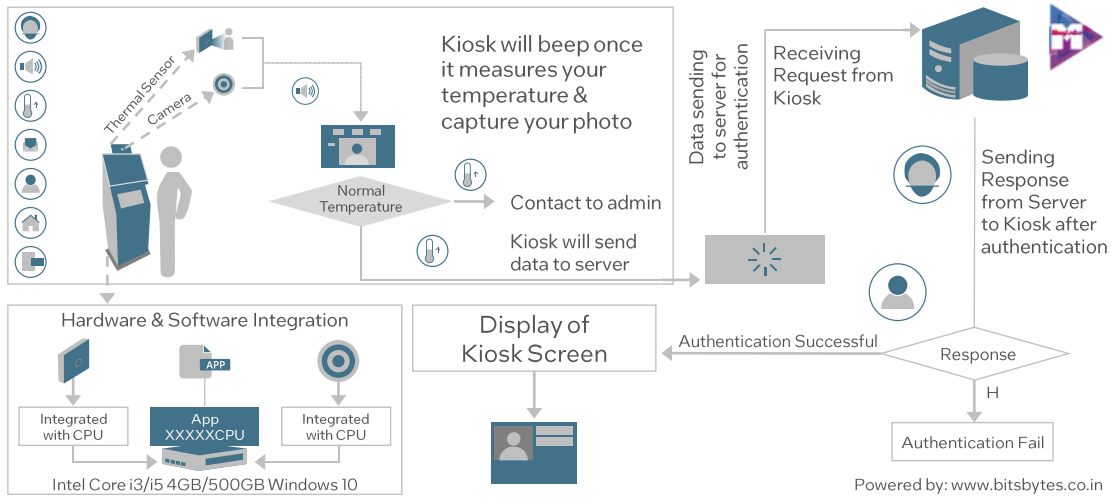
Value Props

- Provide efficient temperature measurement readings accurate to +/- 0.3 degrees1
- Increase safety of staff and pedestrians through immediate notifications when a high temperature is detected
- Improve operations with robust tracking of temperature measurements and any noted readings that would trigger a high temperature alert

Intel Components

- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors

Functional & Hardware Integration Architecture Diagram of Thermal Detection Kiosk by Bytes Integrations Pvt. Ltd.



Target Vertical:
Banking/Financial Services

Secondary Verticals:
Government, Manufacturing, Retail

Target Use Case:
Situational Monitoring

Secondary Use Cases:
Human Wellness Monitoring, Product Inspection

Geo Availability
Globally

Learn More
- Company website

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Broox Platform

Solution Overview

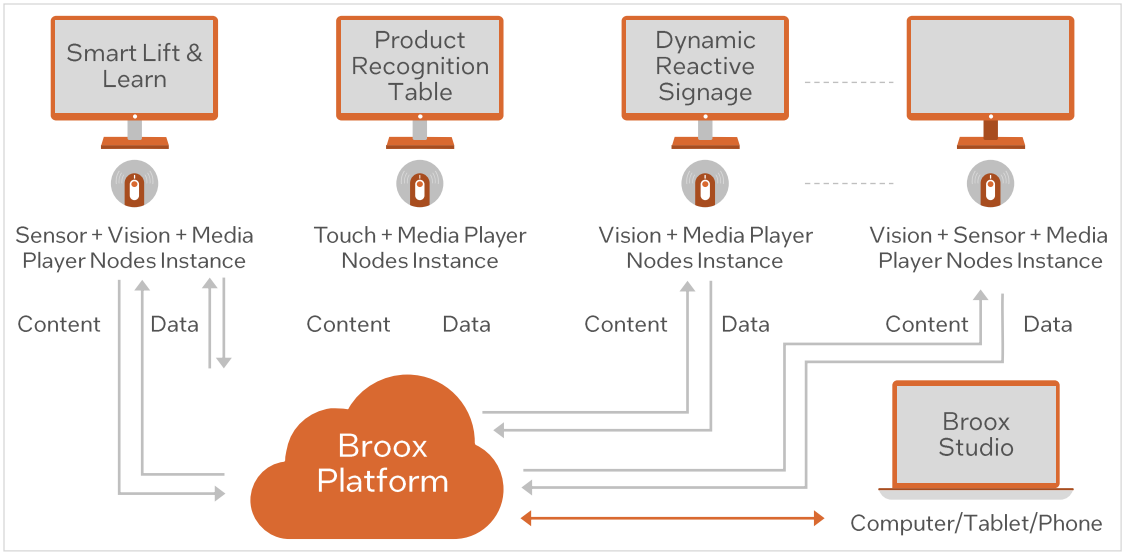
The Broox Platform supports the integration of experiential technology into retail spaces to enable businesses to create interactive customer experiences. As a cost-effective, Platform as a Service (PaaS) model, Broox can scale interactive plug & play technology that transforms any brand space.

Value Props

- Transform brand experiences with a phygital platform connecting in-store technologies with online marketing stacks to create personalized interactions
- Leverage data analytics with offline availability by integrating out-of-the-box, plug & play interactive technology into a cloud-based online analytics platform
- Reduce costs and time to deployment with a single, unified phygital platform priced on a PaaS model with options for additional service integrations

Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® NUC
- Intel® RealSense™ Technologies
- Intel® VPU



Target Vertical: Retail

Secondary Verticals: Gaming & Entertainment; Government; Hospitality

Target Use Case: Interactive Media

Geo Availability
Brazil, Canada, United States, Other Americas, Australia/New Zealand, Japan, South Korea, Taiwan, Israel, Middle East, North Africa and Turkey, Sub-Saharan Africa, EMEA

Learn More
Broox Website

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BÜTEMA
consumer centric retailing

Bütema AG Digital Signage

Solution Overview

Bütema AG is one of the leading full-service providers for digital signage and mobile ERP hardware and software. The linking of all digital points of contact leads to outstanding results in retail and wholesale. That is why we develop our software for desktop and mobile applications ourselves and provide all-round hardware and software service with in-house teams. As a hardware and software managed service partner, Bütema AG stands for the comprehensive, intelligent digitization of retail and wholesale.

Value Props

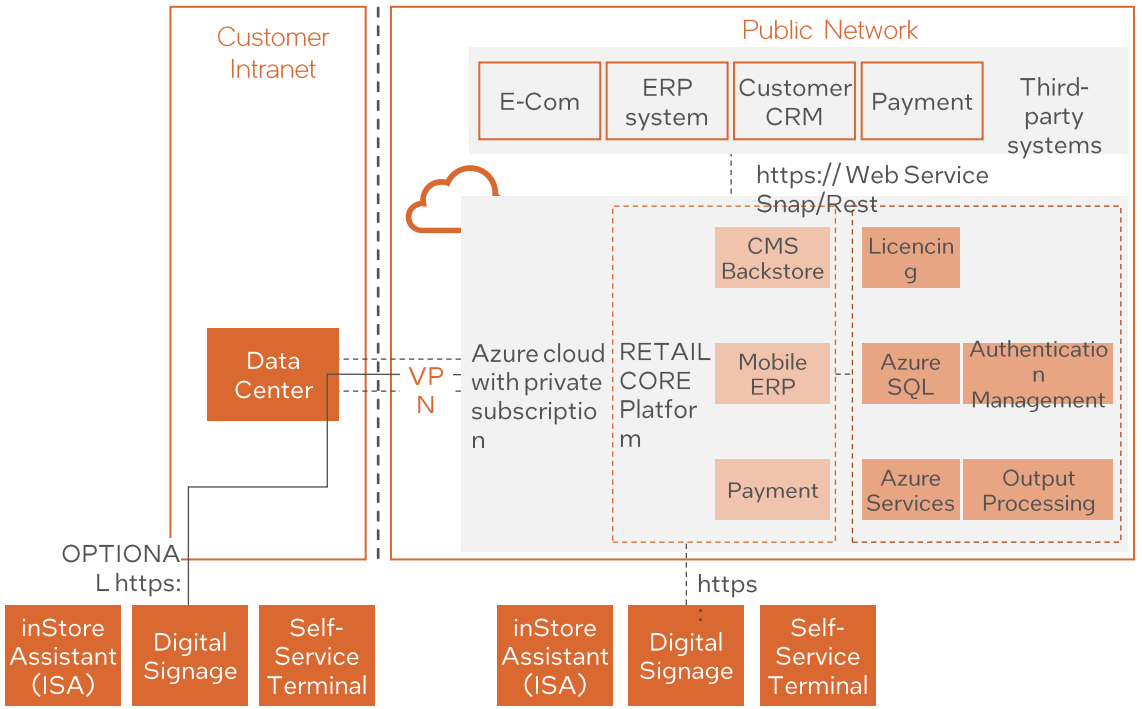
Optimize employee operations through an InStore Assistant (ISA) that helps employees with day-to-day work like running stock management processes

Generate increase revenue by gathering and analyzing consumer data to increase sell-through rates and selling screen slots to 3rd parties to run their ad campaigns

Improve customer engagement and appeal to consumers with digital signage promotions and digital counter cards

Intel Components

- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors
- Intel® Server GPU
- Intel® Ethernet Network Adapter
- Intel® Optane™ Memory



Target Vertical:
Retail

Target Use Case:
Interactive Media

Geo Availability
Europe, Middles East, and Africa

Learn More

- Social Retail Digital Signage – InStore Assistant
- Customer Success Story - BabyOne

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CASWELL
Complete Your Solutions

Secure Edge Computing Platform

Solution Overview

As organizations digitize operations and processes, the use of confidential data, AI, and algorithms increases dramatically. An increase in data transfers raises an organization's exposure to cyber security threats. The Secure Edge Computing Platform is a security solution that helps to protect user data and software, including AI algorithms and AI models, from unauthorized access and manipulation. The Secure Edge Computing Platform can be used in a variety of edge computing scenarios, including smart factories, smart cities, and connected healthcare. In these applications, the solution can help to protect sensitive user data, such as customer information and financial data, in compliance with data privacy protection laws. It can also help to protect the confidentiality and integrity of computer programs, which are crucial in assuring the accuracy of the computing results and the security of proprietary software.

Value Props

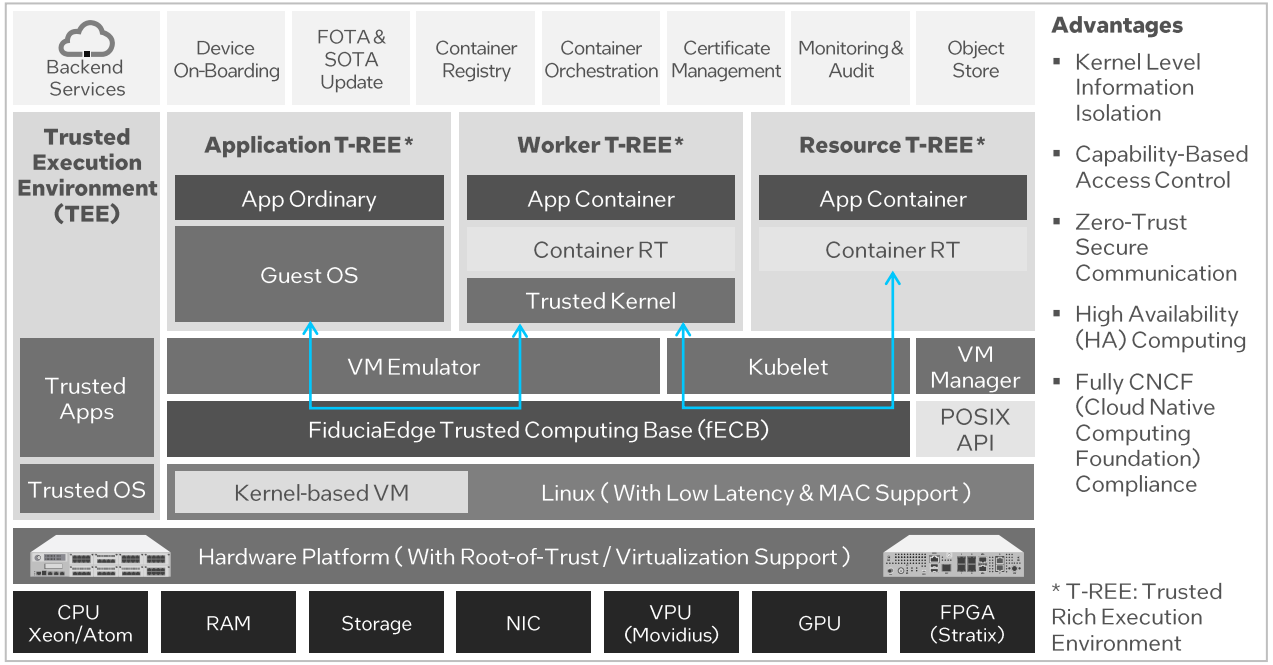
Help ensure system security with embedded security hardware, data privacy, localized containers, and zero-trust procedures

Secure information exchanges with highly controlled communications and direct download of cloud-based applications

Protect the integrity of AI models by using custom integrated security systems to keep algorithms private and uncompromised

Intel Components

- Intel Atom® processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® uCPE
- Intel® Xeon® processors



Advantages

- Kernel Level Information Isolation
- Capability-Based Access Control
- Zero-Trust Secure Communication
- High Availability (HA) Computing
- Fully CNCF (Cloud Native Computing Foundation) Compliance

* T-REE: Trusted Rich Execution Environment

Target Vertical:
Manufacturing

Secondary Verticals:
Government, Hospitality and Restaurants

Target Use Case:
Machine Condition Monitoring

Secondary Use Cases:
Asset & Operations Optimization, Environmental Monitoring

Geo Availability:
Americas, APJ, EMEA

Sales Contact:
Hans Chen – hans@cas-well.com

Solution Webpage:
CASwell & FiduciaEdge

Learn More:
CASwell Inc. Homepage

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CATHEXIS
Beyond Surveillance

CathexisVision – Video Security Management Solution

Solution Overview

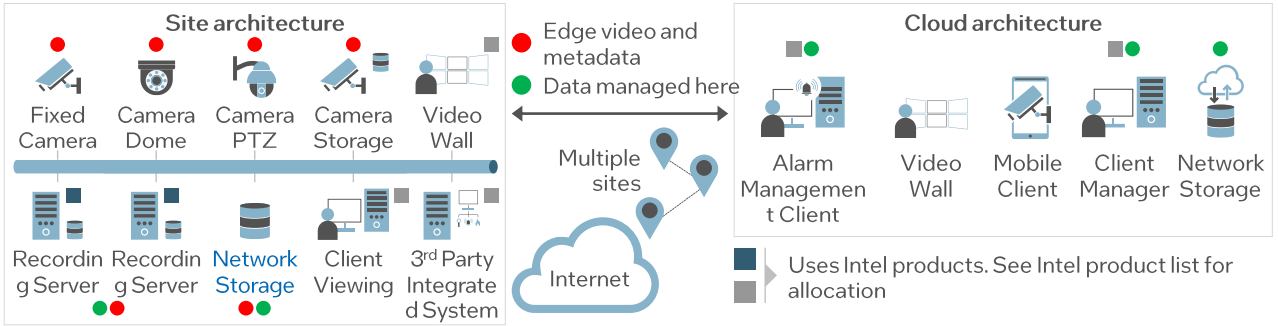
The CathexisVision solution addresses safety, security and operational effectiveness via a powerful set of customizable features. These features include video analytics, a variety of third-party system integrations, powerful video search tools and sophisticated event management on an intuitive graphical interface. This solution ultimately helps companies in a variety of markets minimize security risks, enhance decision-making, and improve operational efficiency. CathexisVision utilizes a variety of security techniques, including AES128 encryption for communicating between components, SHA512 hashes for login credential protection, and RSA1024 keys for securing video exports. Optional encryption is performed using AES128 block encryption with a randomized IV block and user generated passphrase.

Value Props

Simplify control room management with flexible integrations of IP cameras and third-party systems, all managed from a centralized location

Strengthen on-site security with automated notification protocols to help operators make informed decisions and implement pre-configured actions

Improve operational efficiency by analyzing large amounts of data to help pinpoint incidents in real-time



Intel Components

- Intel® Core™ i3 Processors
- Intel® Core™ i7 Processors
- Intel® NUC
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Xeon® Processors

Target Vertical:
Education

Secondary Verticals:
Safety and Security, Retail, Banking/Financial Services, Energy, Gaming & Entertainment, Government, Healthcare & Life Sciences, Hospitality, Manufacturing, Transportation and Logistics

Target Use Case:
Situational Monitoring

Geo Availability
North America, Asia Pacific, Central Southern and Eastern Europe, Middle East & North Africa, Southern Africa, United Kingdom

Learn More
- CathexisVision VMS Software Homepage

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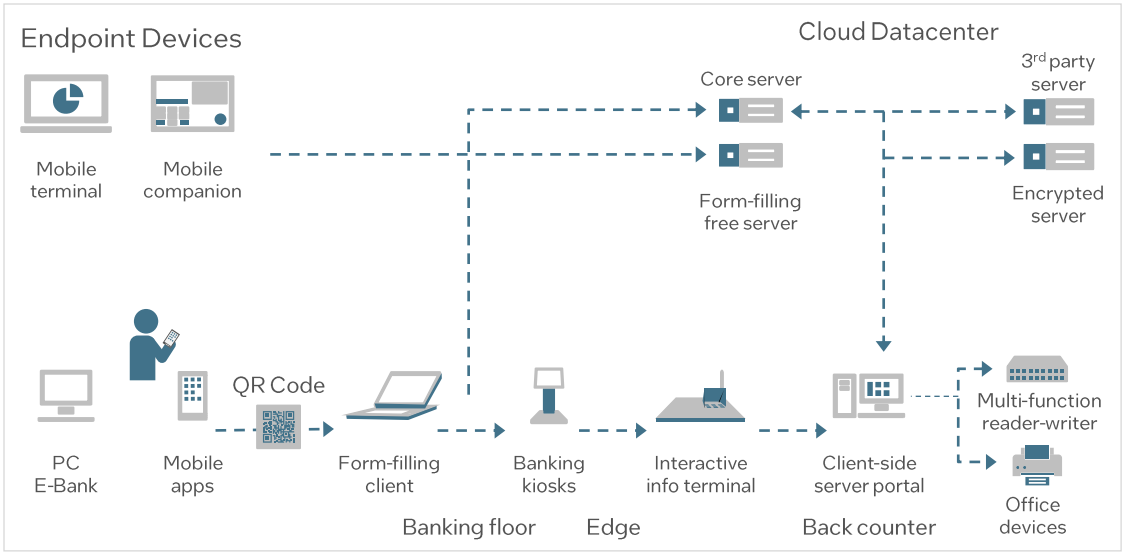
Centerm Smart Banking Solutions

Solution Overview

Centerm Smart Banking Solutions are based on thin client and intelligent terminals, transforming banking experiences by making banking transaction quicker and easier

Value Props

- Improve customer experiences through a implified banking process that enhances on-site and mobile interactions
- Reduce operational costs with an efficient and easy-to-manage IoT platform
- Protect data privacy with security solutions that store, exchange, and deliver sensitive customer information



Intel Components

- Intel® Xeon® Processor, Intel® Core™ i3, i5, i7 processors, Intel® Pentium® processor, Intel® Celeron® processor, Intel Atom® processor, Intel® Ethernet Controller
- Win 10 IoT*, Centerm OS

Target Vertical: Banking/Financial Services

Secondary Verticals: Retail, Education, Government

Target Use Case: Interactive Media

Secondary Use Case: Asset & Operations Optimization

Geo Availability
PRC, APJ (Asia Pacific except Japan), Europe

Learn More
- Centerm Website

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Centerm Weixun Intelligent Cloud Solution for School District

Solution Overview

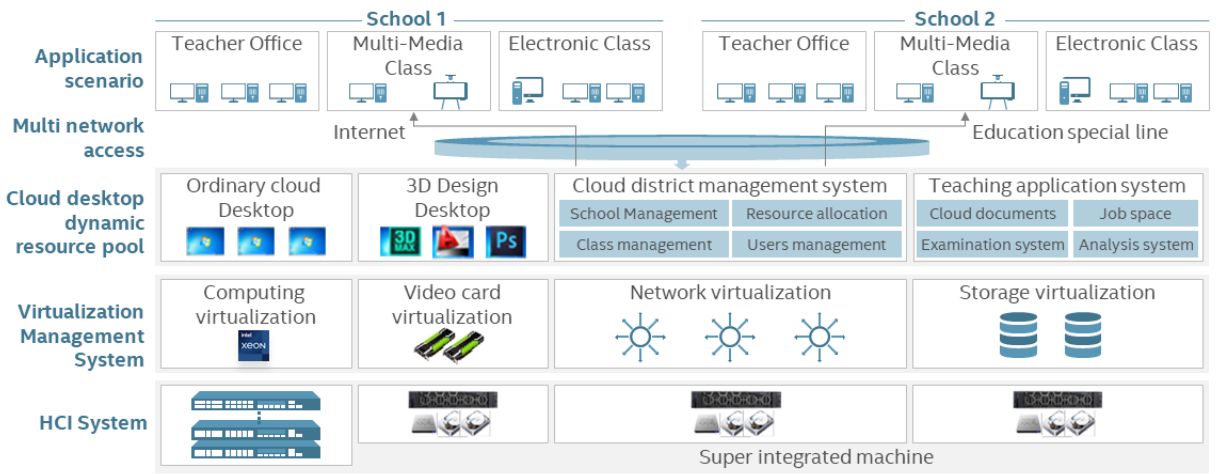
The Centerm Weixun Intelligent Cloud Solution for School District informatizes school districts in the PRC to enable education bureaus to make data-driven decisions that improve overall teaching and consolidates resources to make equitable the education standards across schools. The unified cloud platform integrates desktop virtualization to increase ease of access to resources, analyzes the resource requirements of each school to provide on-demand allocation and management, and distributes educational resources for collaboration and standardization in school settings. Thus, allowing school districts to focus their own time and resources on education and less on keeping up with IT development and maintenance.

Value Props

Foster collaboration with a shared cloud resource system that allows for greater communication and education standardization

Reduce costs of capital investment and maintenance by leveraging a single teaching management platform for all schools

Improve teaching efficacy with access to student and teacher performance data so that weak points are identified and actively coached



Intel Components

- Intel® Xeon® Processors
- Intel® Core™ i3 Processors
- Intel® Celeron® Processors

Target Vertical:
Education

Target Use Case:
Asset and Operations Optimization

Geo Availability
People's Republic of China

Learn More
- Centerm Website
- News Article

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Maritime Ports and Terminal Operations

Solution Overview

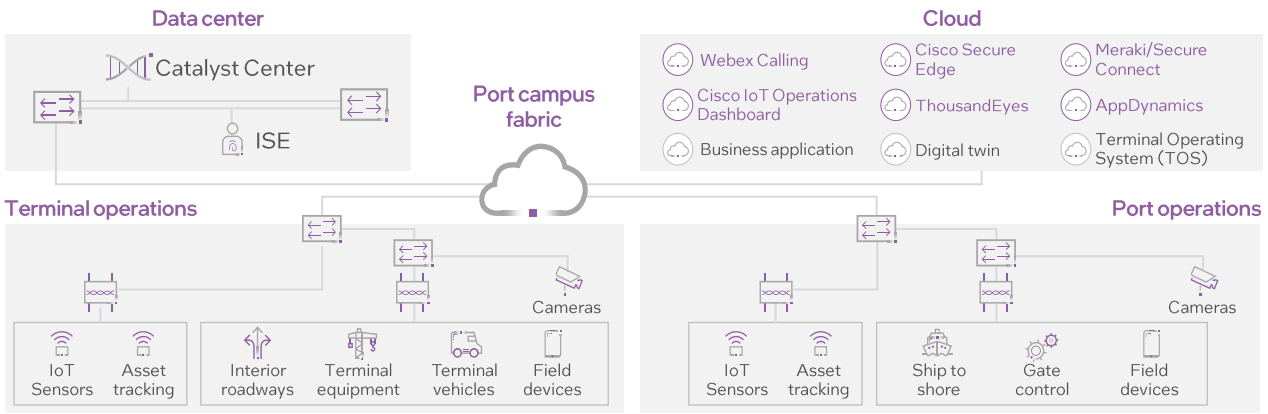
Maritime ports and terminals face challenges when deploying network foundations within their operations, requiring infrastructure that can adapt to challenging environments while supporting both legacy and state-of-the-art systems. The Cisco Connected Ports and Terminals solution incorporates Cisco networking innovations with Cisco IoT networking and security, allowing customers to securely scale port and terminal digital infrastructure to support more efficient, resilient, and sustainable network operations. Based on the industrial standard ISA-95 reference architecture, the solution connects devices such as sensors, equipment, and vehicles to enable end-to-end automation.

Value Props

Improve operational efficiency with end-to-end automation for faster and more reliable port and terminal operations, reducing downtimes and optimizing resource allocation

Increase data security with a holistic layered approach that focuses on resiliency, reliability and high performance to protect against ransomware and cyber attacks

Reduce operational costs by minimizing maintenance fees associated with downtime and optimizing energy consumption



Intel Components

- Intel® Xeon® Processors
- Intel® Edge Software Hub
- Intel® Edge Insights for Industrial

Target Vertical:

Transportation & Warehousing

Secondary Vertical:

Government

Target Use Case:

Asset & Operations Optimization

Secondary Use Case:

Logistics & Tracking

Geo Availability

Global

Sales Contact

Request a call from Sales

Solution Webpage

Cisco | Transportation Portfolio

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Cisco Smart Aviation and Airports

Solution Overview

The Cisco Aviation and Airports solutions portfolio provides end-to-end supply chain connectivity by supporting intelligent cyber and physical security, automating the passenger experience, gaining real-time information, and streamlining ground operations, in order to increase efficiency and reduce costs

Value Props

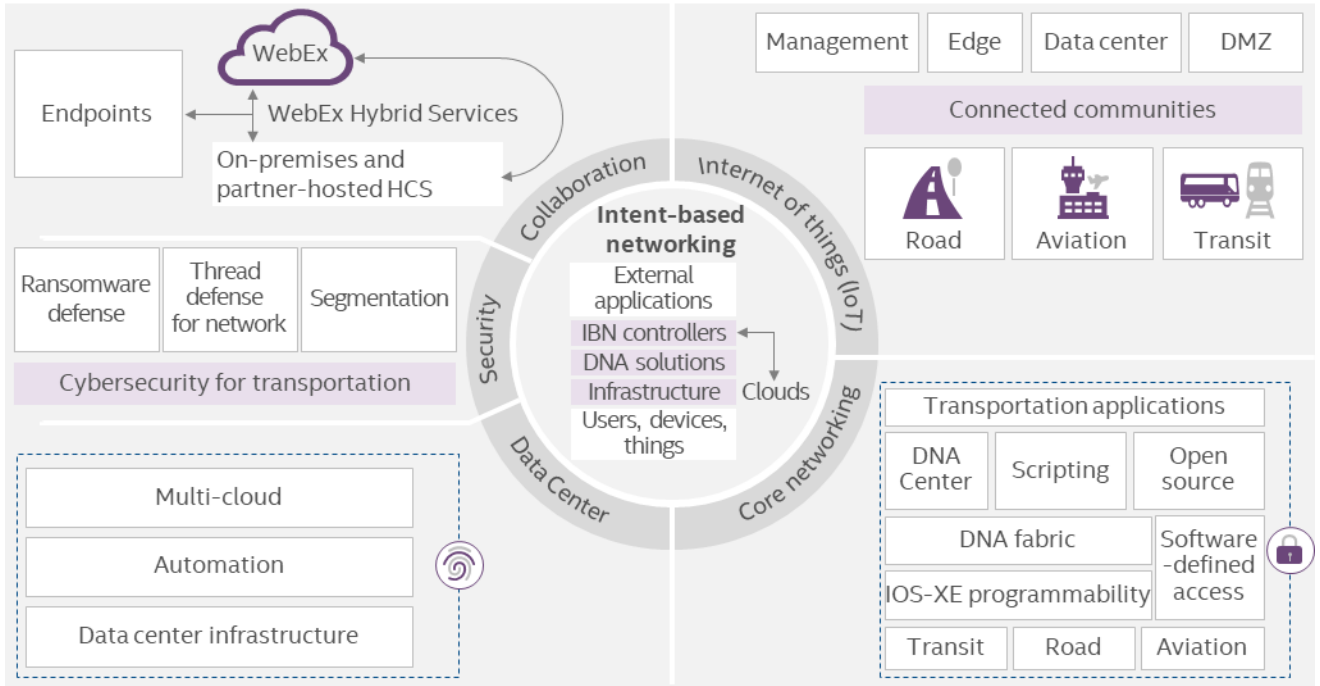
Improve ground operations by using an innovative collaboration suite that improves efficiency, mitigates errors, and help create better travel experiences

Maintain constant situational awareness through an airport monitoring solution that helps manage cybersecurity along with traveler and employee safety

Increases aircraft turnaround efficiency by synchronizing databases and live data from the edge through a rapid protocol management system

Kit Components

- Intel® Xeon® Processors



Target Vertical:
Transportation

Target Use Case:
Situational Monitoring

Secondary Use Cases:
Asset & Operations Optimization, Control Optimization & Autonomy, Human Wellness Monitoring, Product Inspection

Geo Availability
Global, APJ-T, Americas, EMEA, CIS, PRC

Learn More

- Cisco Internet of Things (IoT) Products & Solutions
- Portfolio Explorer for Transportation
- Partner Locator

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Cisco IP Fabric for Media

Solution Overview

The Cisco IP Fabric for Media solution allows customers to run video and audio signals on an IP-based infrastructure carrying multiple bidirectional traffic flows without requiring time-consuming and costly changes to the physical infrastructure. Switching from SDI to Cisco's IP solution results in increased bandwidth for the transmission of ultra high-definition content and provide better connectivity and media infrastructure security.

Value Props

Reduce overhead costs associated with broadcast system management by simplifying data center networking and cabling requirements

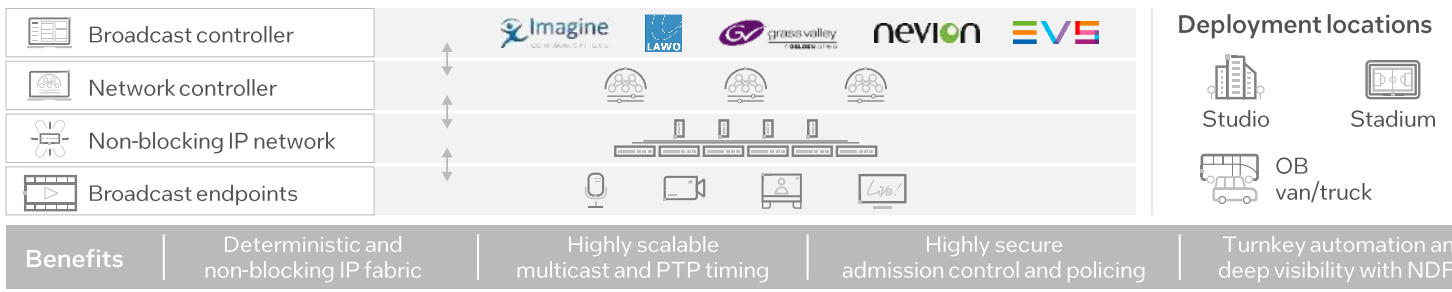
Future proof your infrastructure with scalable, high density network support with zero packet loss, ultra-low latency, and minimal jitter

Increase operational flexibility with unified IP fabric for live broadcast and file-based media workflows

Intel Components

- Intel® Xeon® D processors

Cisco IP Fabric For Media



Benefits	Deterministic and non-blocking IP fabric	Highly scalable multicast and PTP timing	Highly secure admission control and policing	Turnkey automation and deep visibility with NDFC

Target Vertical:
Other

Additional Verticals:
Gaming & Entertainment, Service Provider Networking , Media & Entertainment

Target Use Case:
Interactive Media

Additional Use Cases:
Situational Monitoring, Live Production, IP Based Media

Geo Availability
APJ, Americas, EMEA, and People's Republic of China

Learn More
- IP Fabric for Media White Paper
- Cisco IP Fabric for Media Solution Webpage

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Cisco Smart Buildings

Solution Overview

The Cisco Smart Buildings solutions portfolio is a suite of services designed to measure occupancy, temperature, humidity, CO2, equipment health, security, utility and machinery management, and provide predictive operations to augment all aspects of facility control.

Value Props

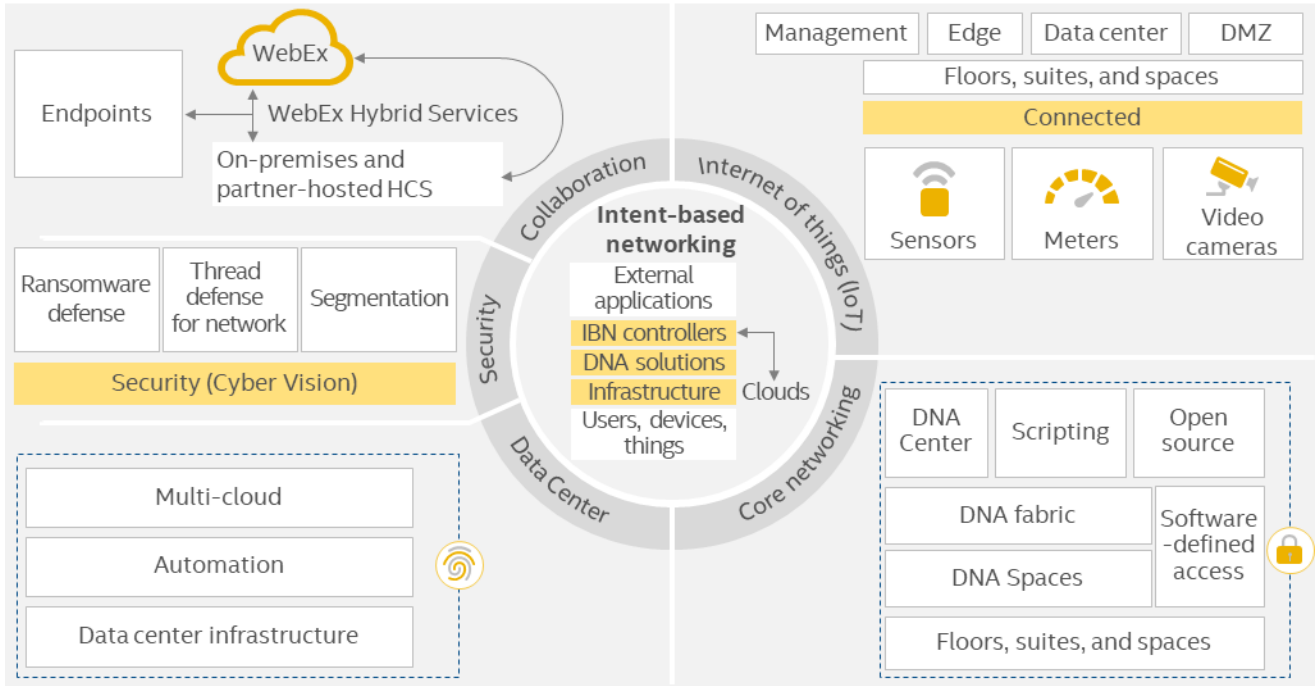
Reduce industrial energy costs by mitigating energy loss, unwanted thermal leakage, and greenhouse gas emissions.

Enhance physical and digital security protocols through a facility monitoring solution that also provides security teams with a suite of robust tools.

Optimize facility operations with an innovative collaboration suite that connects communications and edge devices to monitor live-time operational workflows.

Kit Components

- Intel® Xeon® Processors



Target Vertical:
Energy

Secondary Verticals:
Retail, Banking/FSI, Enterprise

Target Use Case:
Asset & Operations Optimization; Environment Monitoring; Situational Monitoring

Secondary Use Case:
Logistics & Tracking, Control Optimization & Autonomy, Human Wellness Monitoring, Product Inspection

Geo Availability
Geos: Global, APJ-T, Americas, EMEA, CIS, PRC

Learn More
- Cisco IoT Products & Solutions
- Cisco Portfolio Explorer for Smart Buildings
- Cisco Authorized SI Partner Locator

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Clevertouch Interactive Communication and Collaboration Solution

Solution Overview

The Clevertouch Interactive Communication and Collaboration Solution offers a comprehensive and simple solution to enable blended learning environments and facilitate remote group collaboration. Clevertouch's Interactive Communication and Collaboration Solution makes it easier to distribute information and collaborate across physical-digital environments by smoothly integrating with existing technologies like mobile devices, tablets, laptops, and cloud business accounts. End customers can use Clevertouch Interactive displays, remote device management, built-in applications, assorted cloud capabilities, to connect stakeholders, improve operational productivity, and enhance learning environments.

Value Props

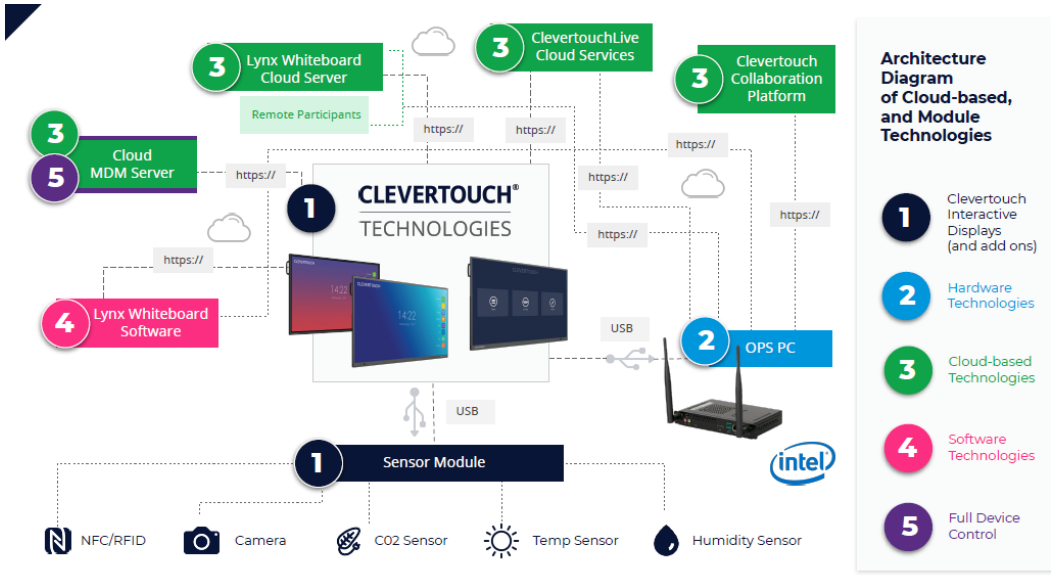
Enable easy collaboration with a dynamic solution that deepens end user engagement by connecting relevant devices and environments

Elevate operational performance by streamlining the delivery of critical information to teams

Scale and evolve with a solution designed to meet changing business needs by providing simple deployment and integration options

Intel Components

- Intel® Core™ i7 processors
- Intel® Core™ i5 processors
- Intel® NUC



Target Vertical:
Manufacturing

Secondary Vertical:
Enterprise; Education; Banking/Financial Services; Energy; Government; Hospitality; Retail; Transportation

Target Use Case:
Interactive Media

Geo Availability
Available Territories and Regions: Brazil; Canada; Mexico; United States; Other Americas; Australia/ New Zealand; India; Germany; Israel; Middle East, North Africa and Turkey; Russia; Sub-Saharan Africa; Europe; Balkans; Nordic Region

Learn More
- Clevertouch Website

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cloudpick

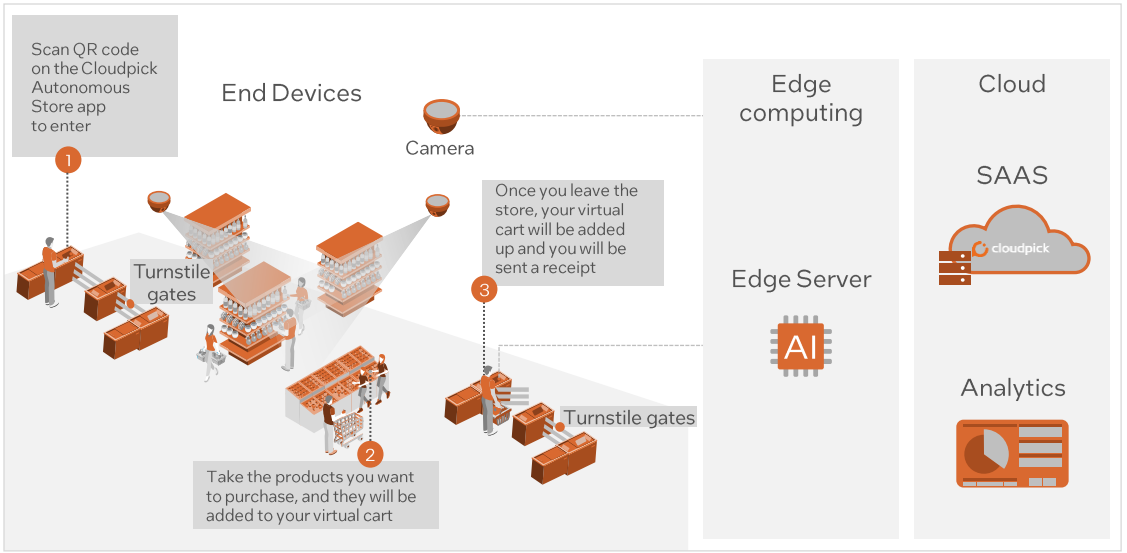
Cloudpick Autonomous Store

Solution Overview

Cloudpick Autonomous Store, powered by Intel® technology, is an end-to-end smart retail solution that digitizes brick-and-mortar stores to bring customers a cashier-free, queue-free, grab-and-go shopping experience

Value Props

- Increase operational efficiencies by reducing human error
- Save labor costs by introducing automation to the checkout process
- Improve customer experience by cutting wait time and minimizing staff dependency



Intel Components

- Intel® Core™ i3, i7, and i9 Processors
- Intel® Media SDK
- Intel® Solid State Drives (SSD)
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical: Retail

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Interactive Media, Situational Monitoring

Geo Availability
Globally

Learn More

- Cloudpick website (Chinese)
- Cloudpick's Youtube channel

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ComQi Engage Platform

Solution Overview

The ComQi EnGage Platform is a cloud-based digital signage content management solution (CMS) that helps customers connect, engage, and influence their shoppers

Value Props

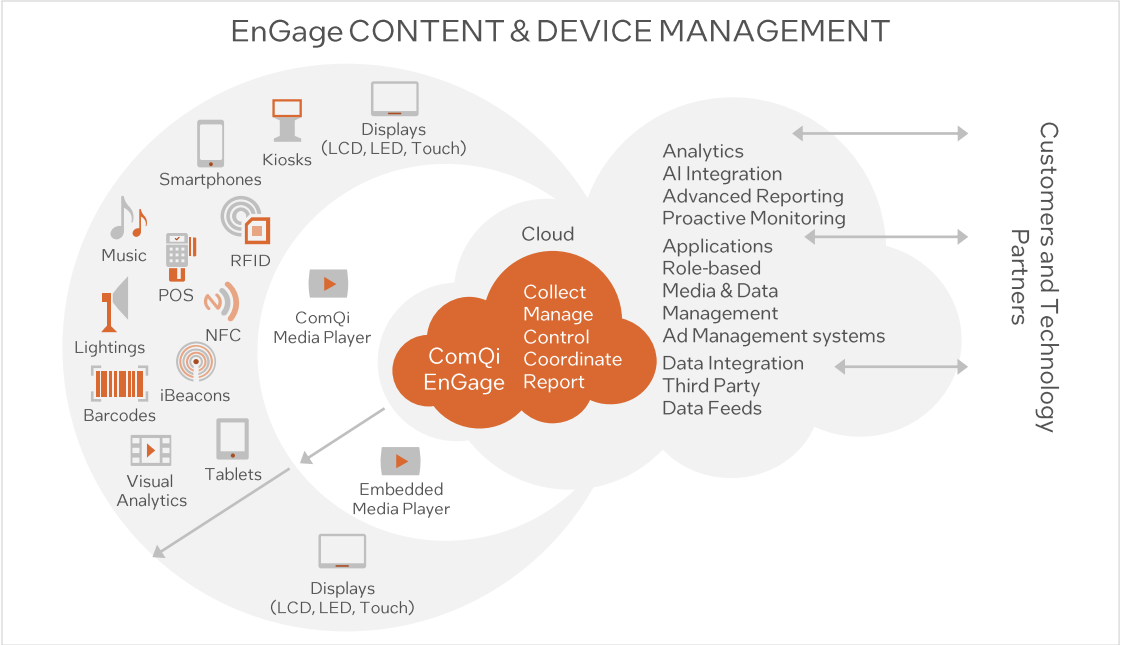
Maximize the impact of your content with customized messages curated for your audience to deliver the right message to the right screen at the right time

Gain insights from enterprise data on when, why, and how messages were delivered with EnGage reporting

Minimize strain on time and human resources with an intelligent content management machine that empowers customers to create, manage, and analyze content

Intel Components

Intel® Core™ i7 vPro



Target Vertical: Retail

Target Use Case: Interactive Media

Geo Availability
Globally

Learn More

- ComQi EnGage CMS
- Intel Solution Marketplace Page

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corsight

Back to Government Solutions | Back to Situational Monitoring Solutions

Corsight AI Fortify

Solution Overview

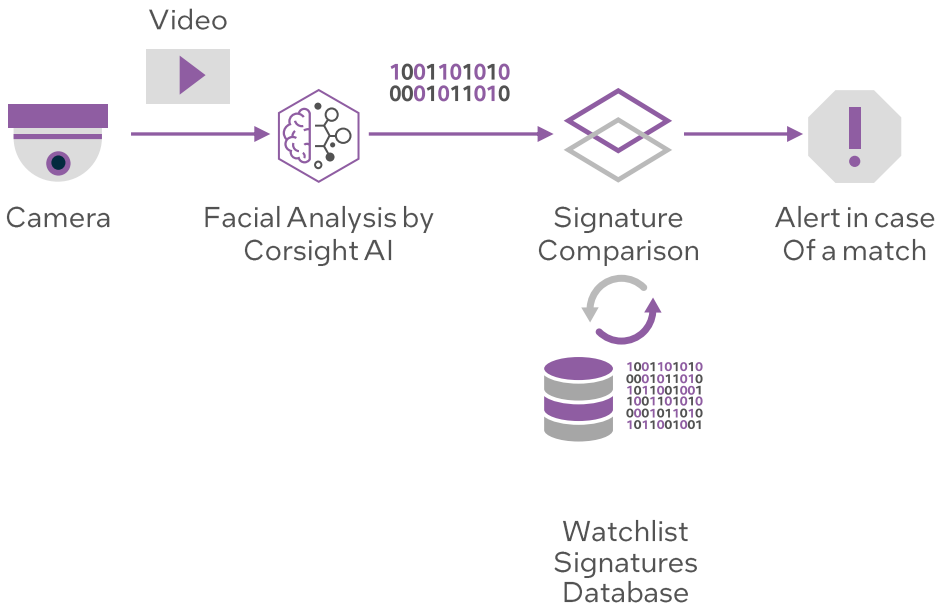
Corsight AI Fortify is an advanced facial recognition system that provides industry-leading accuracy in crowds and throughout a wide variety of challenging environments while prioritizing privacy. The solution helps improve security across a multitude of use cases including airports, gaming, law enforcement, smart cities, and entertainment venues.

Value Props

Help improve security with a highly accurate, fast solution that allows facial recognition at scale in milliseconds, accelerating video investigations and enabling real-time alerts and decision-making

Ensure privacy as Corsight's signature technology enables facial recognition without the need to store sensitive data such as facial images and adheres to strict regional data privacy requirements (GDPR, LGPD, PDPA, etc.)

Reduce costs by removing the need for additional expensive hardware as Fortify can utilize existing ONVIF cameras and perform simultaneous facial recognition in large crowds



Kit Components

- Intel® NUC
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical:
Government

Secondary Verticals:
Banking/Financial Services, Education, Energy, Gaming & Entertainment, Hospitality, Manufacturing, Retail, Transportation

Target Use Case: Situational Monitoring

Secondary Use Cases:
Asset & Operations Optimization, Control Optimization & Autonomy, Environment Monitoring, Logistics & Tracking, Other

Geo Availability
United States, Australia/New Zealand, India, Israel, Middle East, North Africa, Turkey, and United Kingdom

Learn More
- Corsight AI Website
- Corsight AI Fortify Solution Page

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CO-WIN Co., Ltd.
OnlineMAW – Content Management System of Digital Signage

Solution Overview

Historically the integration of digital displays from interactive signage to video walls required a large budget, a skilled workforce, and significant time in order to build a system and create content. With CO-WIN's OnlineMAW Content Management System, building and publishing content on a network of high-quality displays is now easy and cost effective. Through this CMS, end-users can visualize, analyze, and share content, data, and insights through secured channels with others, or through other devices and signs in the network. Overall, the OnlineMAW CMS is easy to deploy, centralize, and help all stakeholders in digital content publication, while maintaining a smooth and effective system that helps customers reach their audiences with ease.

Value Props

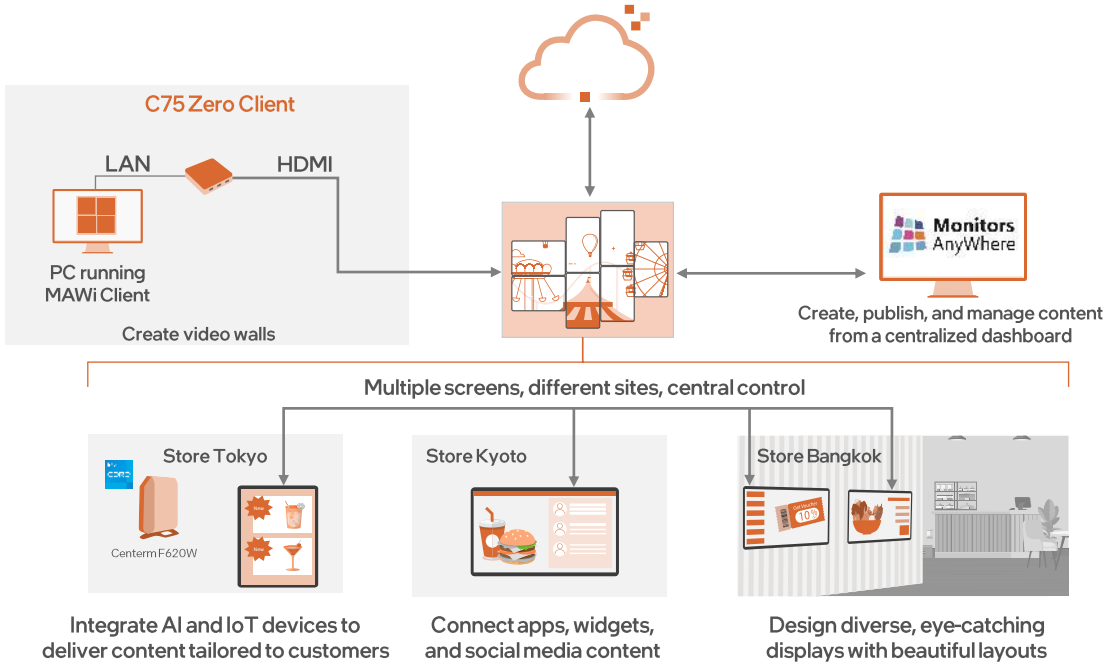
Customize digital signage with precision using an edge computing platform that seamlessly integrates AI, sensors, and other IoT devices to deliver content that's tailored to the target customer.

Engage customers across social platforms by publishing brand images and promotional videos, or by streaming real-time content to your target audience on YouTube, Instagram, and more.

Count on a reliable, easy to use CMS that provides an intuitive UX for content production and planning and requires minimal technical expertise to keep running smooth

Intel Components

- Intel® Core™ processor family



Target Vertical:
Retail

Secondary Vertical:
Government, Hospitality and Restaurants, Manufacturing

Target Use Case:
Interactive Media

Secondary Use Cases:
Situational Monitoring

Geo Availability
Global

Sales Contact
Aiko Nakahashi
aiko.nakahashi@cowin.co.jp

Learn More
- OnlineMAW - Solution Page
- Case Studies - Monitors AnyWhere

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Crestron Collaboration Solution Refresh

Solution Overview

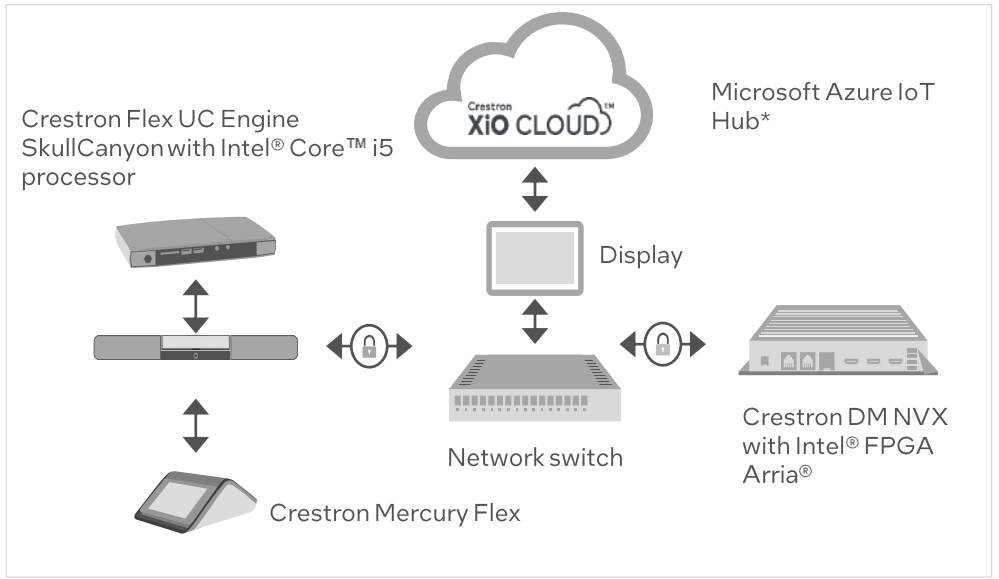
The Crestron Collaboration Solution* is an end-to-end, device-to-cloud solution that enables futureproof, flexible and efficient collaboration experiences in any space with flawless AV, distribution of 4k content, and key insights into workplace technology.

Value Props

Support different setups with Crestron Flex built on Intel® Core™ i5 processor comprised of certified Microsoft devices to support any room size or type, to create a unified communication platform

Share content instantly with DM NVX built on Intel® FPGA Arria® Technology, that provides pixel perfect, 4K Video distribution, flawless audio, and control over a cost effective 1 Gigabit network

Increase meeting productivity with XiO Cloud built on Azure IoT Hub, that has the ability to capture usage and trend data providing key insights into how workplace technology is impactful



Intel Components

- Intel® FPGA products
- Intel® Core™ i5 processors

Target Vertical: Other

Secondary Verticals: Retail, Education, Government, Health & Life Sciences, Energy, Hospitality and Restaurants, Transportation and Warehousing

Target Use Case: Interactive Media

Geo Availability
APJ, Americas, EMEA, People's Republic of China

Learn More

- Crestron Electronics Homepage
- Commercial and local Dealers Here
- Representatives Here
- Showroom and Experience Centers Here

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Crown Digital - Ella: The Robot Barista

Solution Overview

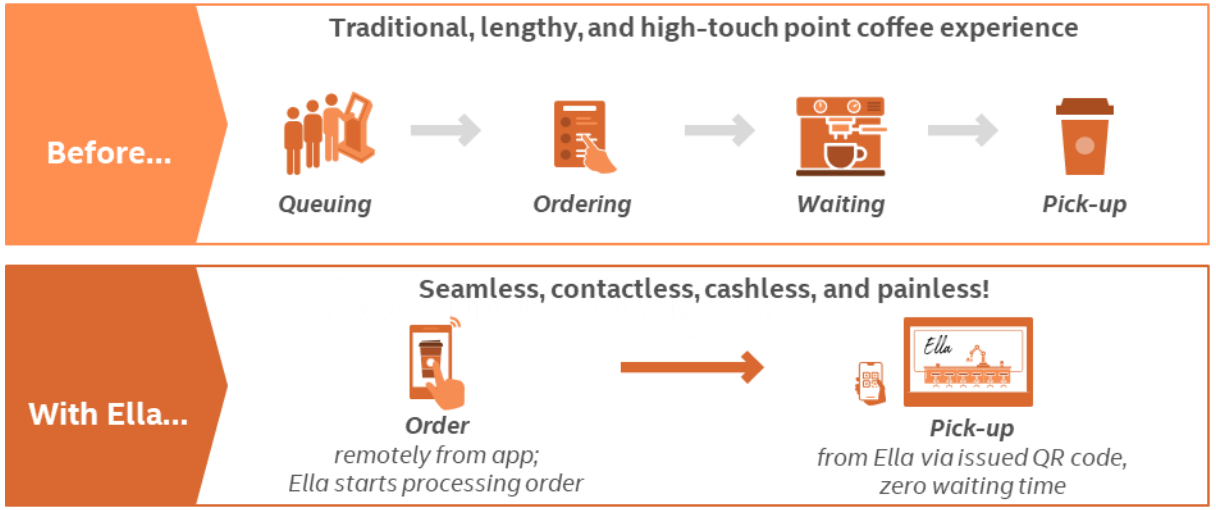
Ella, a robotic barista developed by Crown Digital, is an autonomous retail solution powered by robotics and AI. With a small footprint of 6m2 the solution saves retail space, increases production capacity, and offers a truly seamless retail experience for customers. Ella is supported by a powerful backend architecture that manages multitudes of Ellas remotely via a command center and can predict needed maintenance and optimize the supply chain upstream and downstream. Ella also offers immersive 4K targeted advertising via its Transparent OLED screens creating myriad cross selling opportunities.

Value Props

Reduce cost—Occupying ~5m^2, the unit takes up a fraction of the space required for a traditional coffee bar translating to a cheaper retail footprint

Mitigate effects of labor shortages and staff turnover—Fully unmanned, Ella frees up labor, allowing staff to be reassigned to other in-store tasks

Increase beverage output and consistency—Ella can prepare up to 200 cups of high-quality coffee an hour



Kit Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Core™ i9 Processors
- Intel® Xeon® Processors

Target Vertical:
Retail

Target Use Case:
Machine Condition Monitoring

Geo Availability
Global

Learn More
- Crown Digital Website

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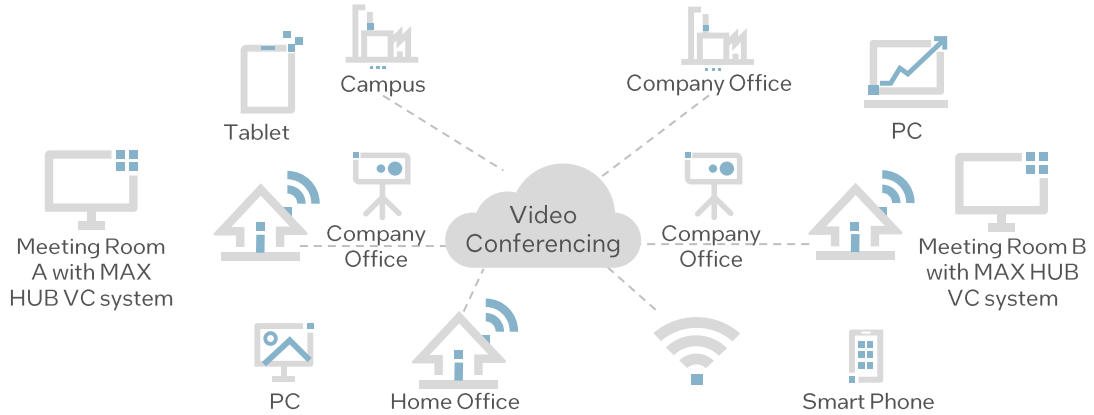
CVTE MAXHUB

Solution Overview

The CVTE MAXHUB is a video conference solution designed to improve remote communication and collaboration productivity. It facilitates multiparty meetings for up to 100 participants and includes wireless screen sharing, file sharing, reverse control of laptops, and an all-in-one interactive panel acting as a remote terminal to offer MAXHUB capabilities, including access control, cloud storage, intelligent illustration, and speech-to-text.

Value Props

- Optimize collaboration with an interactive panel offering real-time annotations, visual and audio hardware, and remote capabilities designed to drive productivity
- Use with ease by integrating with third-party software and quickly displaying content via wireless screen and file sharing
- Reduce costs with front screen installation and easily accessible disassembly to simplify hardware repair and updates



Intel Components

- Intel® Core™ i5 processors
- Intel® Core™ i7 processors

Target Vertical: Education

Secondary Verticals: Banking/Financial Services, Government, Hospitality

Target Use Case: Interactive Media

Secondary Use Cases: Situational Monitoring

Geo Availability
Globally

Learn More
MAXHUB Website

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Deep Insights

Solution Overview

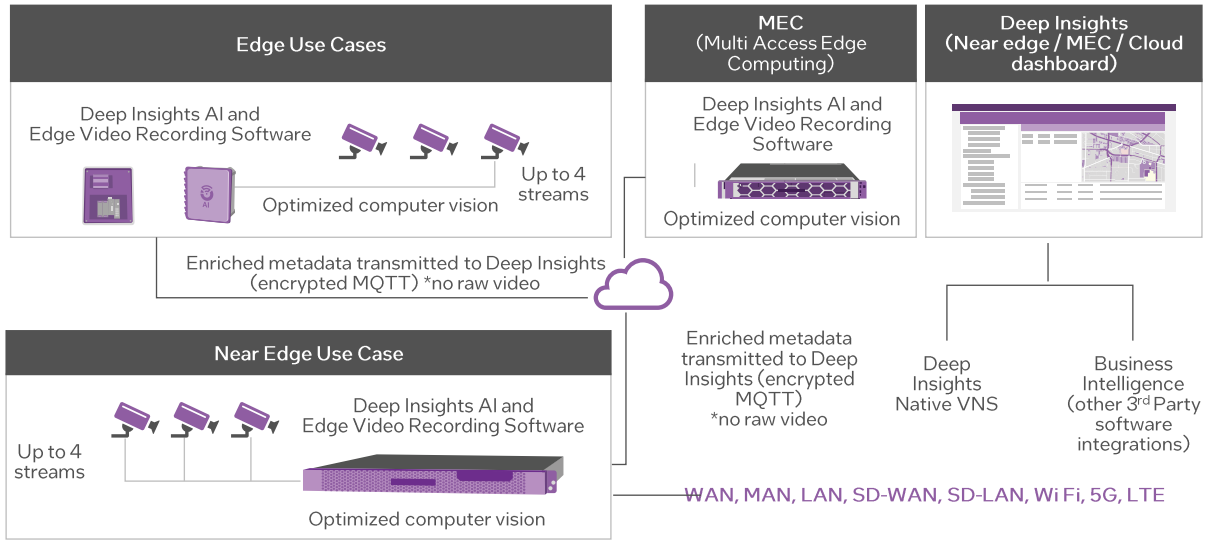
Deep Insights is an end-to-end AIoT solution. Increase the intelligence and safety of your community through AI, IoT, and connectivity. With this solution, community operators can gain real-time insights to help create smart and safe environments.

Value Props

Provides an end-to-end solution with everything you need, from cameras, IoT sensors, and edge/cloud/MEC compute to daily dashboards and reports

Enables AI + IoT connectivity by combining 4G/5G connectivity with IoT sensors and cutting-edge AI to predict, notify, and constantly learn

Simplifies budgeting with predictable costs and recurring monthly plans



Kit Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Core™ i9 Processors
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical:
Government

Secondary Vertical:
Agriculture, Banking/Financial Services, Education, Energy, Gaming & Entertainment, Health & Life Sciences, Hospitality, Manufacturing, Retail, and Transportation

Target Use Case:
Situational Monitoring

Secondary Use Cases:
Asset & Operations Optimization, Product Inspection

Geo Availability
Globally

Learn More
EPIC IO Homepage

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diagnext.com Diagserver Medical Communication System

Solution Overview

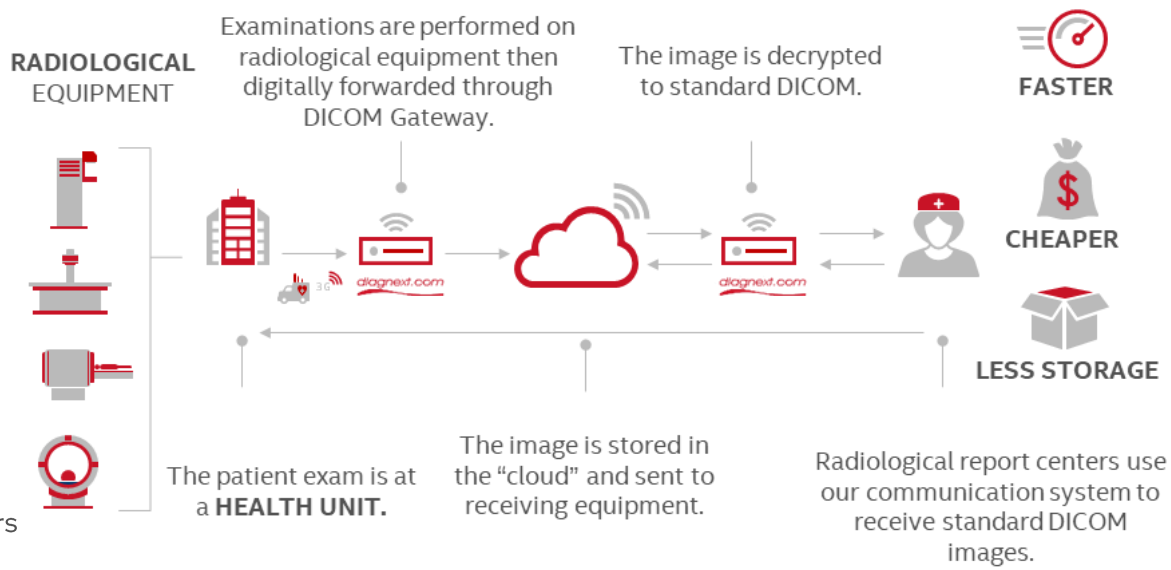
diagnext.com's Diagserver Medical Communication System is a highly customizable solution compatible with most medical systems that enables the transmission of medical images and examinations to healthcare providers for faster diagnosis and treatment timelines.

Value Props

Enhance workflow performance with reliable transmission of data even when connections are unstable and interrupted

Streamline delivery of services with an agile medical communication system that automates reporting

Reduce costs of data storage with compressed DICOM available locally and in central cloud servers



Intel Components

- Intel® Core™ i5 Processors
- Intel® Xeon® Processors
- Intel® Celeron® Processors

Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness Monitoring

Secondary Use Case:
Asset & Operations Optimization

Geo Availability
Brazil

Learn More
- diagnext.com webpage
- diagnext.com solutions marketplace listing

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Diebold Nixdorf

Diebold Nixdorf DN Series™ BEETLE A1150

Solution Overview

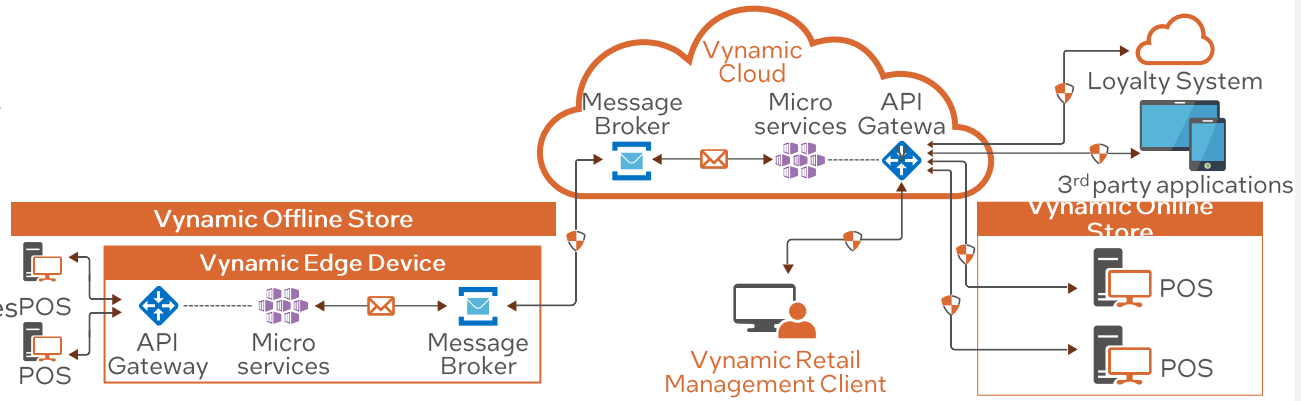
The Diebold Nixdorf DN Series BEETLE A1150 provides a 15.6" all-in-one touchscreen point of sale terminal and kiosk system designed to be implemented at in-store checkout locations. The BEETLE A1150 features a common hardware platform consisting of interchangeable central processing units, display panels, and integrated peripherals that can be easily mixed and matched to enhance the retail customer experience. The solution utilizes powerful 8th Generation Intel® Core™ processors alongside solid-state disk storage media and interfaces to reduce overall power consumption, while encouraging speedy transactions at cashier checkpoints or kiosks. Additionally, the solution offers remote asset management and monitoring on the desktop management agent, BEETLEINFO, enabling more flexibility and control over assets.

Value Props

Meet changing business needs with a flexible modular platform that can adapt into any store environment and be easily upgraded to accommodate future retail scenarios

Lower total cost of ownership with powerful, yet energy-saving technologies that reduce overall power consumption

Increase store efficiency by reducing interventions with a fan-less design, sealed housing, and easily managed, monitored, and serviced POS system



Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i3 Processors
- Intel® Celeron® Processors

Target Vertical:
Retail

Target Use Case:
Asset and Operations Optimization

Geo Availability
APAC, Americas, and EMEA

Learn More
- BEETLE A1150 Product Card
- Diebold Nixdorf - DN Series™ BEETLE Homepage

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Diebold Nixdorf

DN AllConnect℠ Data Engine for Data-Driven Intelligence Powering Actionable Insights

Solution Overview

DN AllConnect Data Engine for customer-facing endpoints powers DN Maintenance Services to drive higher ATM availability and enable FIs to deliver against the expectations of their clients. The system identifies and tracks patterns that occur throughout the devices' lifecycles and builds a precise personality profile for each device. Each profile is continually refined based on further data collection and analysis to provide tailored, actionable insights that ensure resolution of incidents on the first attempt and sometimes even prevent potential future incidents. The platform combines Diebold Nixdorf's decades of unmatched engineering experience, a continuously augmented knowledge base, and the latest developments in IoT, cloud computing and storage, ML, and AI to deliver a solution that helps resolve incidents faster, enables predictive maintenance that prevents failures, and achieves industry-leading first-time fix rates.

Value Props

24/7

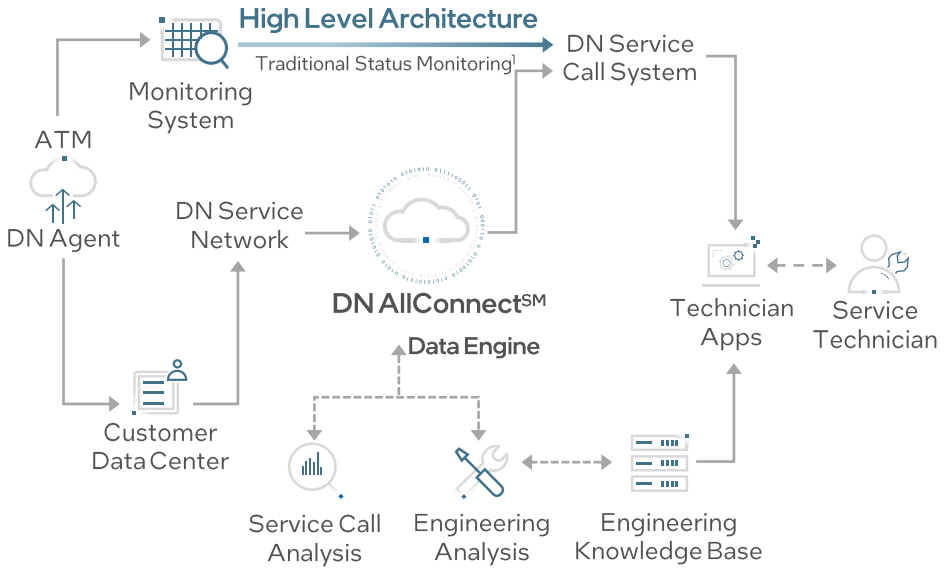
Boost customer satisfaction and loyalty by supporting higher ATM availability for a better user experience.

Increase revenue: a high-performing network attracts more consumers, drives more transactions, and grants branch staff more time to strengthen consumer relationships that drive improved business outcomes.

Decrease total cost of ownership: Fewer incidents mean reduced involvement (and related costs) of branch staff and third-party service providers. Better maintenance also helps prolong the lifespan of devices.

Intel Components

- Intel® Core™ i5 processors
- Intel® Core™ i3 processors
- Intel® Celeron® processors



[1]Status Monitoring may be DN, Customer or Third-Party

Target Vertical:
Banking/FSI

Target Use Case:
Asset & Operations Optimization

Secondary Use Cases:
Logistics & Tracking, Machine Condition Monitoring

Geo Availability
Asia, Pacific, Americas, Europe, Middle East, and Africa

Learn More

- Diebold Nixdorf Software Portfolio
- Diebold Nixdorf Solutions Portfolio
- Solution Video (YouTube)
- Solution Webpage

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Digifort IP Security System Digifort Cloud

Solution Overview

Designed to meet the growing demand for private, residential, and commercial camera security without taxing local infrastructure, the Digifort IP Security System Digifort Cloud solution creates a centralized data center that allows users to better protect locations and assets.

Value Props

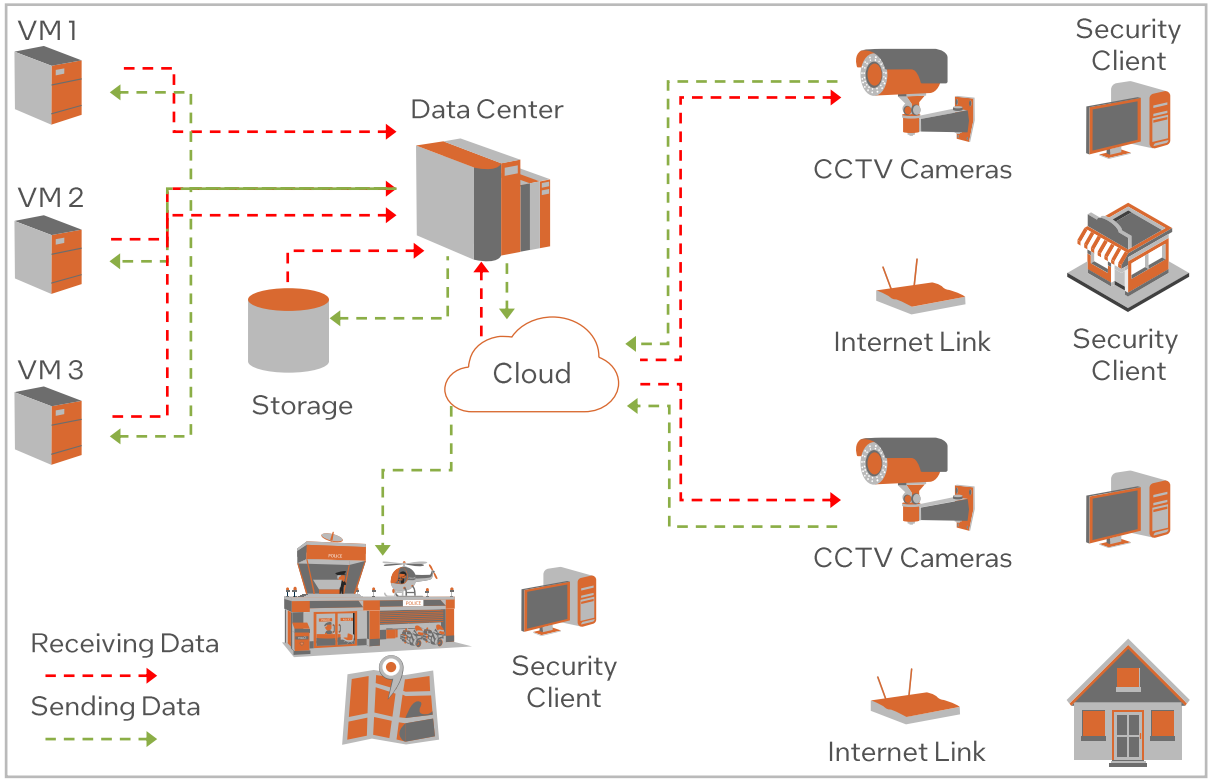
Decrease the total cost of security with an inexpensive security solution that can be integrated with existing cameras, and does not depend on constant maintenance

Increase reliability with an enterprise security solution that delivers insightful analytics and operates on a proven cloud architecture

Deploy quickly and effectively with an intuitive all-in-one solution that is easy to configure and operate

Kit Components

- Intel® Xeon® Processors
- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Core™ i3 Processors
- Intel® NUC
- 10gbe Intel® ethernet network adapters



Target Vertical:
Retail

Secondary Vertical:
Banking/Financial Services, Hospitality, Transportation, Cooperative Neighborhood

Target Use Case:
Situational Monitoring

Geo Availability
Global

Learn More
- Digifort website
- Digifort Cloud webpage (Portuguese)

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Digital Barriers

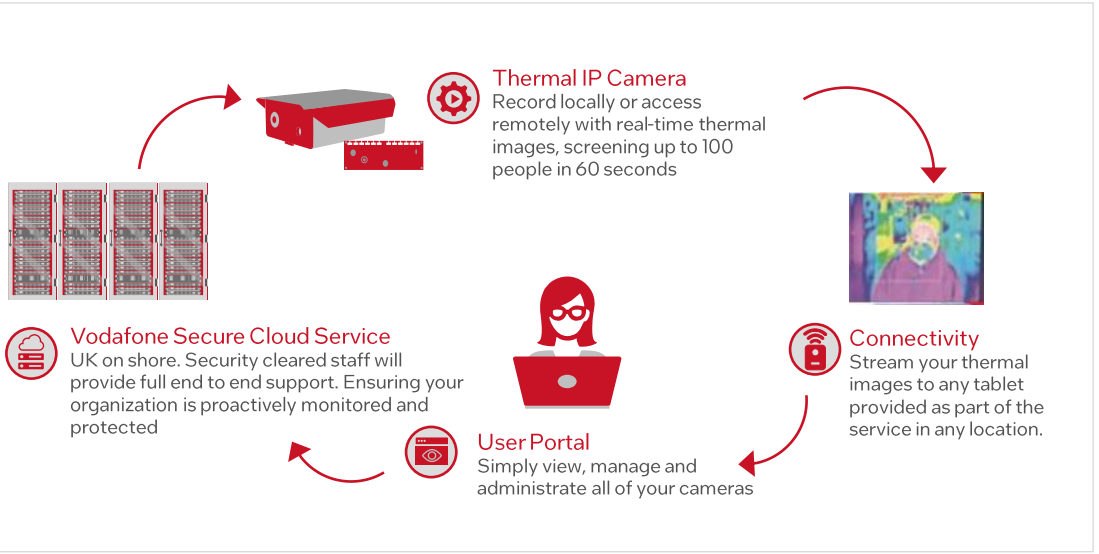
Digital Barriers Heat Detection Camera

Solution Overview

Powered by Intel® architecture, the Heat Detection Camera Solution utilizes leading-edge thermal imaging technology to help screen individuals for Elevated Body Temperature (EBT), a potential early symptom of a range of contagious illnesses.

Value Props

- Reassure employees and customers by taking the appropriate health precautions
- Provide a highly effective and discrete means of quickly identifying those who show signs of infection
- Set up quickly and easily in under two hours without needing IT integration



Intel Components

- Intel® NUC Kit NUC6CAYH
- Intel® Core™ i5-1035G1 Processor
- Intel® Pentium® Processor N4200

Target Vertical: Health & Life Sciences

Target Use Case: Human Wellness Monitoring

Secondary Use Cases: Situational Monitoring, Interactive Media, Logistics and Tracking

Geo Availability
EMEA

Learn More
- Vodafone website
- Case Study

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神州数码 Digital China

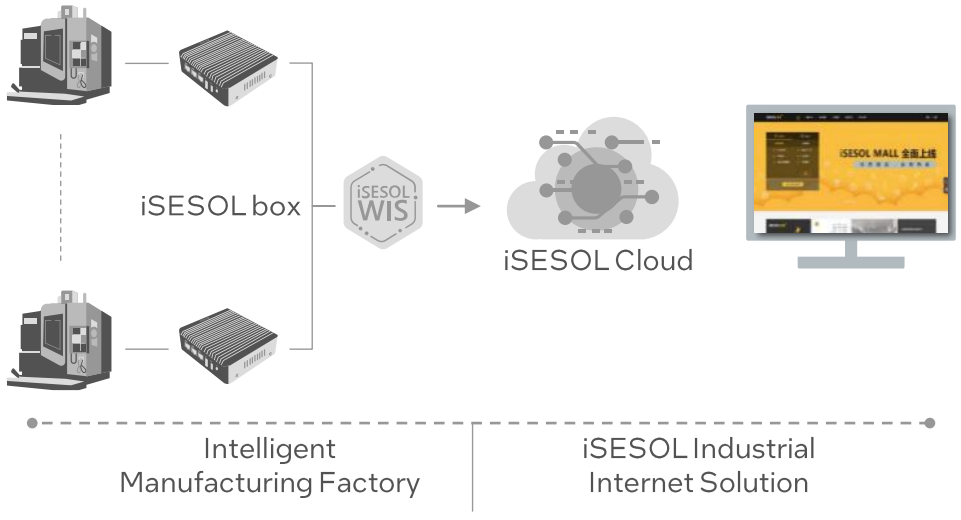
Digital China iSESOL Intelligent Manufacturing Solution

Solution Overview

A solution which makes it easier for factories to achieve smart management through the collection of data. By equipping CNC systems with this solution, organizations can increase productivity through intelligent machine diagnosis and clear maintenance decisions.

Value Props

- Simplify manufacturing by optimizing the production schedule and maintenance timeline
- Increase accuracy by collecting and uploading manufacturing data
- Maintain CNC Systems with proprietary software



Intel Components

- Intel® Core™ i7 (i7-3555LE)
- Intel Atom® (E3825)
- Intel® SSD (S4500 240G)

Target Vertical: Manufacturing

Target Use Case: Machine Condition Monitoring

Geo Availability

Available in PRC

Learn More

- Digit China Website

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Disrupt-X Cognitive Neurons

Solution Overview

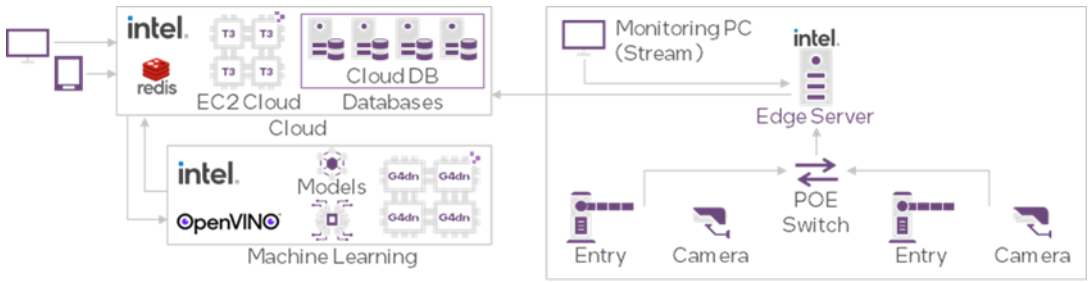
Disrupt-X's Cognitive Neurons solution with Smart ANPR uses 6 MP cameras along with customized edge servers to report to Disrupt-X IoT Platform where the vehicle number plate is processed to verify if this vehicle is authorized or not. The solution also utilizes Intel® Distribution of OpenVINO™ toolkit for the AI/ML processing. The solution addresses the challenges faced by residential and commercial parking spaces and eliminates the need of physical access cards. The IoT platform provides property owners beneficial analysis on parking utilization and logs on all entries into their properties , revenue analysis on commercial properties along with ability to view reports and customized dashboards. Disrupt-X also provides mobile application for the residents/tenants in residential properties to view their parking logs and register their vehicles conveniently . This cloud-based IoT solution can significantly improve customer experience, provide beneficial analytics to property owners and reduce operational costs.

Value Props

Simplify parking management by automatically recognizing , analyzing and storing license plate data, minimizing the need for human management

Provides a better experience for tenants by shortening lines and wait times, expediting payment, and making available spaces easier to find

Improves cost efficiency with 24/7 remote management for asset owners by removing dependency on access cards and security personnel for managing accesses into properties



Intel Components

- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® Core™ i7 processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Transportation

Secondary Vertical:
Government, Hospitality, and Retail

Target Use Case:
Asset & Operations Optimization

Geo Availability
Asia, Pacific, and Japan, Americas, Europe, Middle East, and Africa, People's Republic of China

Learn More
- disrupt-X Home Page
- Smart ANPR IoT

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Disrupt-X Ignite Shield

Solution Overview

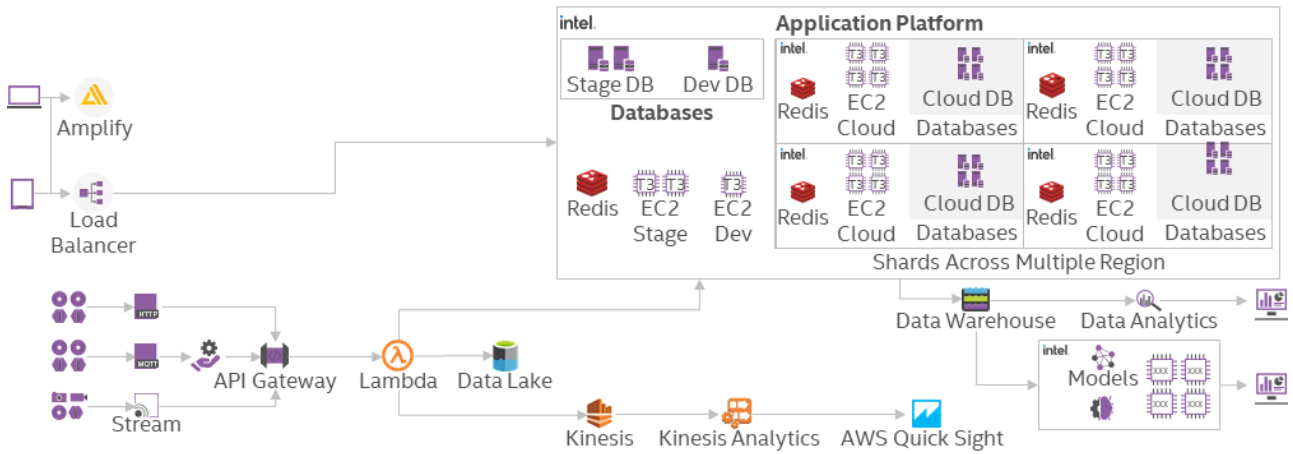
The Disrupt-X Ignite Shield is a full-stack IoT solution for monitoring air, gas, and water quality through a cloud platform and mobile application. The platform helps protect the integrity of customer assets by monitoring specific quality control specifications and escalating alarms when assets enter vulnerable operational states. To keep data protected from sensor to cloud, decryption keys are installed, while also using the latest security features from providers like Cloudflare and AWS.

Value Props

Simplify asset management by utilizing the solution's integrated alarm escalations system to inform users when assets are at risk of entering hazardous operational situations

Extend asset lifetime using an integrated cloud platform and mobile application to enable predictive maintenance and streamline corrective actions

Reduce facility management costs with 24/7 remote management to respond to asset issues in real-time, thereby reducing the manual labor requirements associated with routine manual monitoring, metering, and measuring



Intel Components

- Intel® Xeon® Scalable Processors

Target Vertical:
Government

Secondary Vertical:
Agriculture, Education, Energy, Health and Life Sciences, Hospitality, Retail, Manufacturing, Transportation, Warehousing

Target Use Case:
Environmental Monitoring

Geo Availability
Global

Learn More

- Disrupt-X IoT Platform Webpage
- Ignite Shield Features Webpage

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DOTS
DO THINGS SMARTER

DOTS Smart Energy Services

Solution Overview

This solution helps organizations reduce their electricity consumption by upgrading systems and optimizing building operations. SES works by tracking a building's energy consumption in real-time and conveniently providing users with this information to eliminate energy waste, optimize resources, and improve overall efficiency.

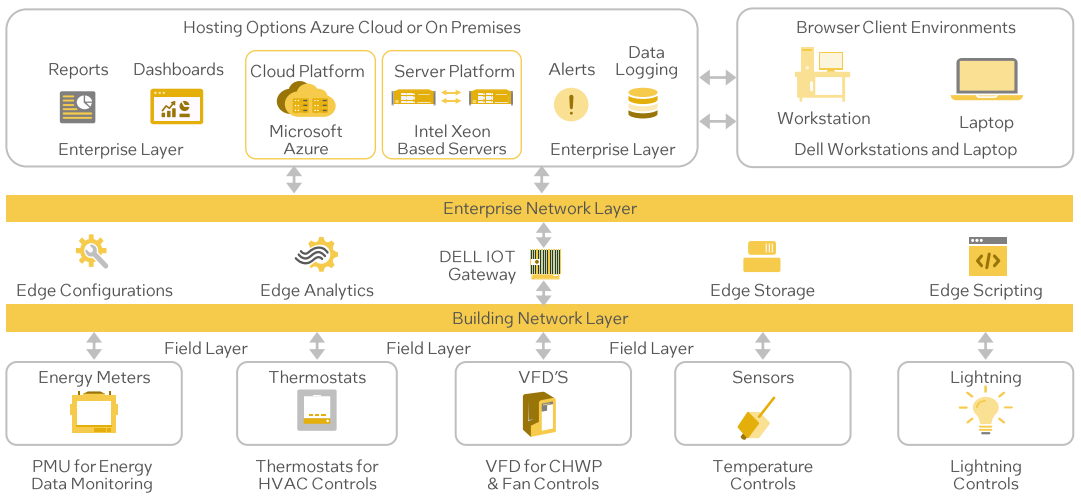
Value Props

Reduce energy consumption costs by tracking where energy usage can be reduced without impacting efficiency.

Drive actionable energy usage insights through detailed energy analysis based on real-time monitoring

Improve and enhance corporate reputation by mitigating climate change for greener corporate practices.

DOTS Smart Energy Services High Level Architecture



Intel Components

- Intel® Atom® Processors
- Intel® Core™ i7 Processors
- Intel® Solid State Drives (SSD)
- Intel® Xeon® Processors

Target Vertical: Energy

Target Use Case: Other, Government

Secondary Use Cases: Education, Smart Cities

Geo Availability
Globally

Learn More
DOTS Energy Industry page

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Intelligent Computing Center Security Cloud Service Solution

Solution Overview

Small and medium-sized businesses (SMBs) are often at a disadvantage when it comes to establishing and operating a robust network security infrastructure for their company. Lacking an extensive budget and expert personnel, SMBs' network security tend to rely on devices from different manufacturers, as well as employee compliance to avoid threats. As a result, when security threats occur, valuable time is spent trying to receive technical support from the different providers, leaving the organization vulnerable as alarms are responded to passively. Fuzhou X-Speed Corporation solves for this with the Intelligent Computing Center Security Cloud – a comprehensive service and multi-surface network coverage solution that enables SMBs to meet security requirements while staying in budget. End users are supported by a team of cloud security experts and are protected by a security infrastructure capable of real-time threat detection, analysis, and response.

Value Props

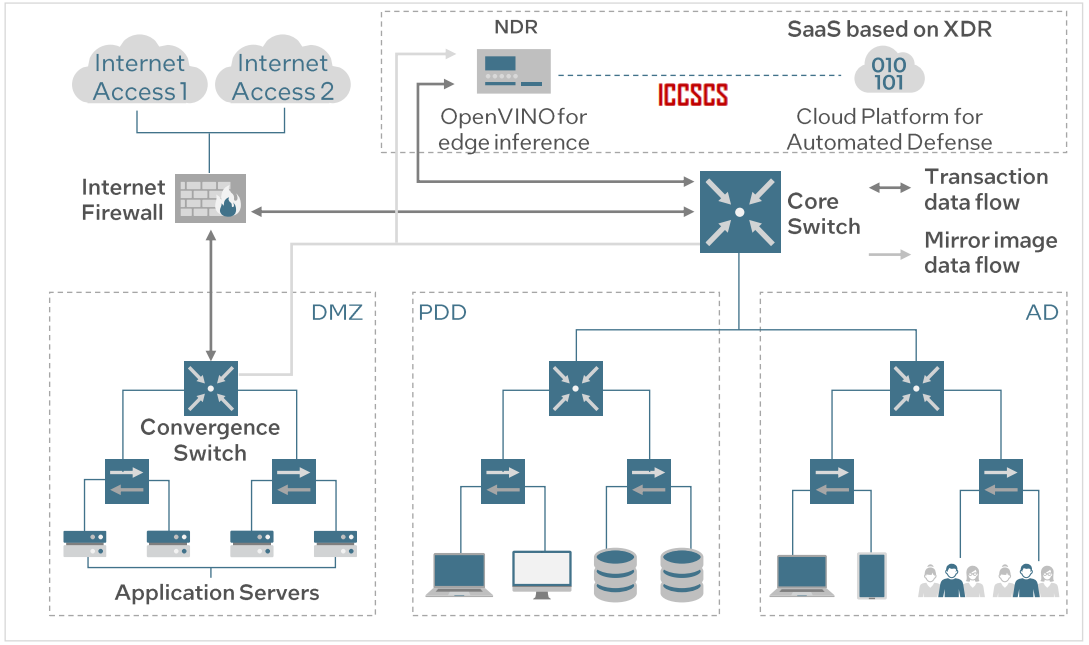
Reduce security operations costs by working with a single vendor for equipment supply, set up, and support

Respond to security alerts faster with real-time detection that quickly and accurately locates threats and notifies compromised users

Optimize network security operations with a closed-loop security service that supports various security components such as Endpoint Detection and Response (continuous threat monitoring of end-user devices) and External Attack Surface Management (monitoring of external-facing digital assets such as websites, apps, and network infrastructure)

Intel Components

- Intel Atom® processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Xeon D processors



Target Vertical:
Banking & Financial Services

Secondary Verticals:
Education; Government

Target Use Case:
Asset & Operations Optimization

Secondary Use Cases:
Control Optimization & Autonomy; Situational Monitoring

Geo Availability:
PRC

Sales Contact:
Frank Xiong – frank@x-speed.com.cn

Solution Webpage:
Fuzhou X-Speed Corporation Product Page

Learn More:
Fuzhou X-Speed Corporation

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econocom
Products & Solutions

Kentia Digital Signage



Back to Retail Solutions
Back to Interactive Media Use Cases

Solution Overview

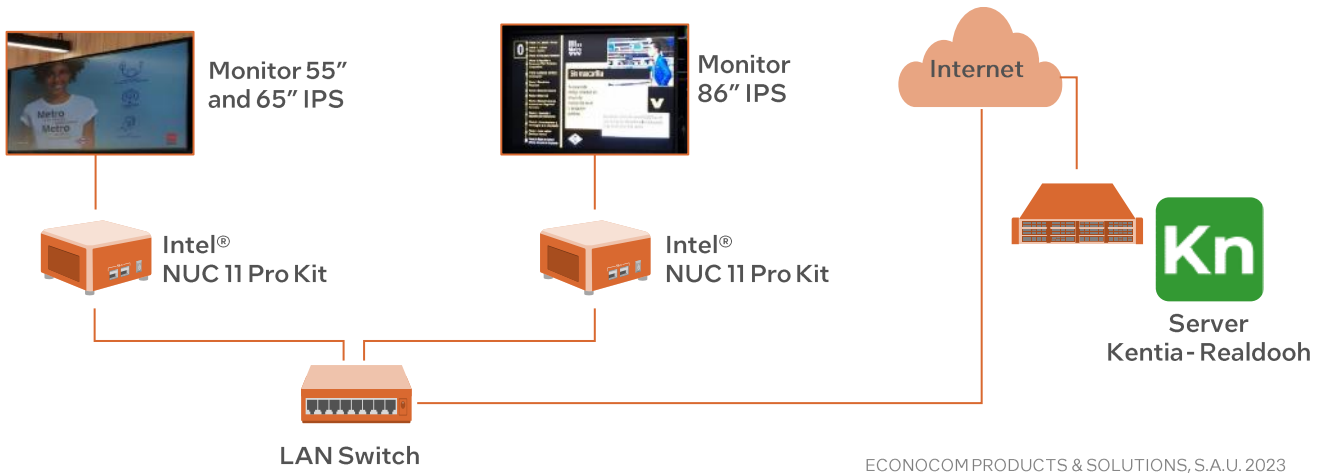
Retailers often face challenges effectively communicating marketing campaigns and new releases with customers while maintaining an attractive and efficient shopping environment. Traditional signage can further augment these challenges, hindering quick adaption to specific customer desires, demographics, and needs. Econocom addresses these challenges with the Kentia Digital Signage solution, transforming traditional displays into dynamic, intelligent platforms. Powered by Kentia Realdooh, a central server hub dedicated to content management, the system seamlessly transmits data through the Ethernet network to the Intel® NUC 11 Pro Kit which facilitates content transfer across multiple screens without disrupting network programming.

Value Props

Increase end-customer engagement with dynamic displays that capture and maintain retail shopper attention

Capture new revenue streams by extending digital signage space to third-party advertisers

Optimize marketing strategies with analytic tools for data-driven insights



ECONOCOM PRODUCTS & SOLUTIONS, S.A.U. 2023

Intel Components

- Intel® NUC 11 Pro Kit
- Intel ® Core™ i5 Processors
- Intel ® Iris ® Xe

Target Vertical:
Retail

Secondary Vertical:
Hospitality and Restaurants

Target Use Case:
Interactive Media

Secondary Use Case:
Control Optimization & Autonomy

Geo Availability
EMEA

Sales Contact
Alexandra Fernandez – alexandra.fernandez@econocom.com

Solution Webpage
Econocom | Altabox - Kentia Digital Signage

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Dot Zero Connect ZPS

Solution Overview

Dot Zero's Connect TPS is a leading smart factory solution that addresses customer needs through the application of IoT technology and data analytics. The solution connects traditional and computer numerical control (CNC) equipment across factory environments to collect operational data in real-time. Relevant stakeholders gain insights related to equipment and personnel efficiency, overall equipment effectiveness (OEE), and have the capability to monitor and manage factory operations remotely.

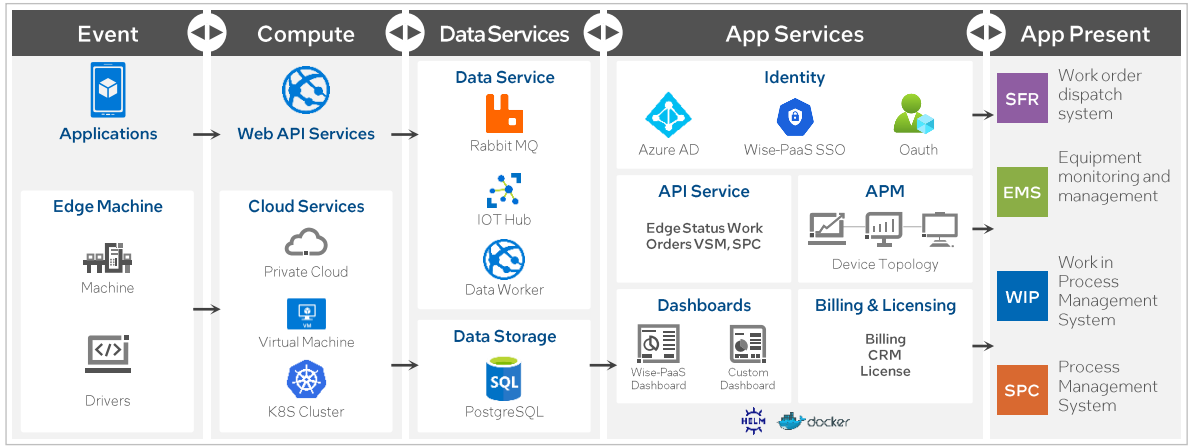
Value Props

Improve the transparency of enterprise management and greatly reduce factory management costs by integrating production information with ERP (Enterprise Resource Planning), WMS (Warehouse Management System), quality and financial analysis software

Maintain stable product yields by providing product history traceability, analyze abnormal equipment issues and trends

Intel Components

- Intel® Core™ i5 processors
- Intel® Celeron® processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® TEP



Target Vertical:
Manufacturing

Secondary Vertical:
Transportation

Target Use Case:
Asset & Operations Optimization

Secondary Vertical:
Machine Condition Monitoring, Product Inspection, Situational Monitoring

Geo Availability
APJ and Americas

Learn More
- Dot Zero – Home page
- Microsoft Azure Marketplace

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Ectron Corporation SmartEYE™ Intelligent Edge Node

Solution Overview

SmartEYE™ helps its customers track each step of the production line with a 360-degree view of operations including machines, personnel, processes and energy usage. With over 1,800 industrial-grade sensor options, the solution can be tailored for countless applications. Moreover, there are ready-made kits for quick deployment for injection molding machines, computer numerical control (CNC) machines, industrial ovens, dry boxes, large agri-drying beds and packing stations. In fact, the solutions ruggedization and flexibility makes it useful in a variety of verticals including manufacturing, food processing, pharmaceuticals, oil & gas and smart cities. SmartEYE™ delivers its customers comprehensive analytics reports to ensure product quality, consistency, and efficiency.

Value Props

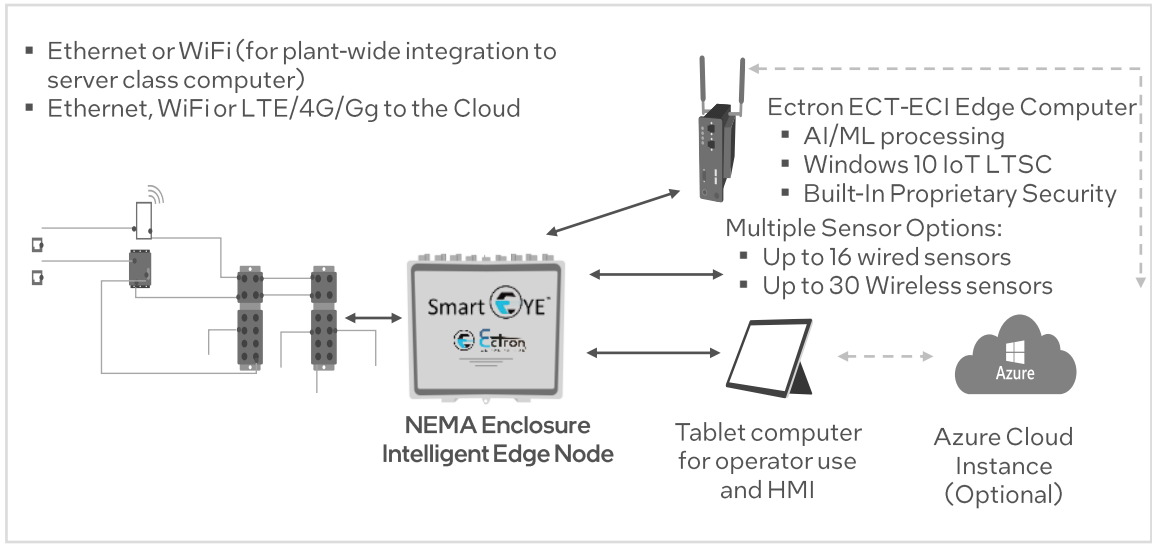
Improve product quality by monitoring and optimizing traffic flow, equipment performance, personnel, processes 24/7 and in real-time

Increase production output by assessing precise manufacturing conditions, the exact cost of creating each widget, and the optimal adjustments necessary to improve the yield during the manufacturing process

Mitigate extra expenses utilizing data insights to improve the efficiency of job scheduling and warehouse energy utilization

Intel Components

- Intel® Core™ i3 processors
- Intel® Xeon® processors



Target Vertical:
Manufacturing

Secondary Verticals:
Agriculture, Energy, Government, Transportation and Warehousing

Target Use Case:
Asset &Operations Optimization

Secondary Use Cases:
Energy Monitoring & Management, Machine Condition Monitoring, Product Inspection, Situational Monitoring

Geo Availability
APJ, EMEA, Americas

Learn More
- SMARTEYE Solution Home Page
- Product Video Overview
- Injection Molding Use Case

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Eigen Innovations

Eigen Machine Vision

Solution Overview

Industrial manufacturing is a complicated process that involves heavy operational workloads in dynamic environments, and companies struggle to maintain efficiency and optimize operations on the factory floor. Eigen Machine Vision is a suite of services and tools developed to help discrete and continuous manufacturers unlock the value of image data to better manage product and process variability across their machines, lines, and factories. As a complete solution, it gives manufacturers, integrators and automation solution providers a scalable product and process intelligence platform and if deployed separately, the tools and services can upgrade existing machine vision systems. The solution can be used to help mitigate the risk of defects, reduce waste and equipment downtime, and realize hundreds of thousands of dollars in savings per line annually.

Value Props

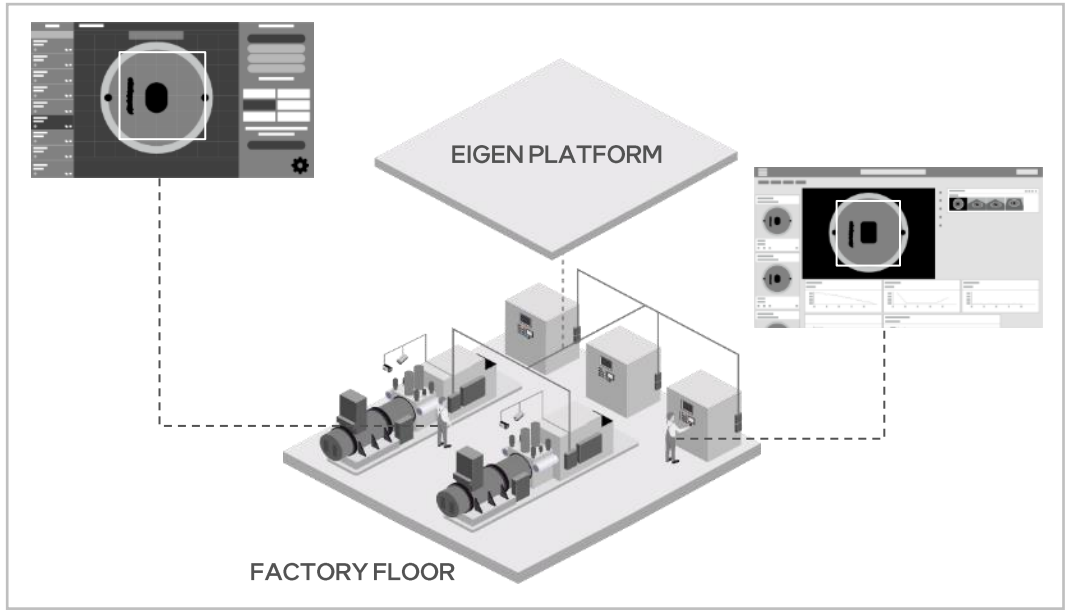
Optimize manufacturing operations with quality and process insights that reduce unplanned downtime, improves quality assurance, and increases OEE

Improve visibility across factory processes with digital records and real-time analytics communicated through dashboards that provide operational insights

Reduce operational costs by mitigating equipment downtime, massively reducing facility waste, and minimizing the potential for line defects

Kit Components

- Intel® Core™ Processors
- Intel® Distribution of OpenVINO™ toolkit



Target Vertical:
Manufacturing

Secondary Vertical:
Health & Life Sciences

Target Use Case:
Asset & Operations Optimization

Secondary Use Cases:
Control Optimization & Autonomy, Quality & Process Monitoring

Geo Availability
APJ, Americas, Europe, Middle East, and Africa

Learn More
- Eigen Innovations Website

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HealthGate
By Elenium Automation

Elenium HealthGate Touchless Control and Vital Sign Detection

Solution Overview

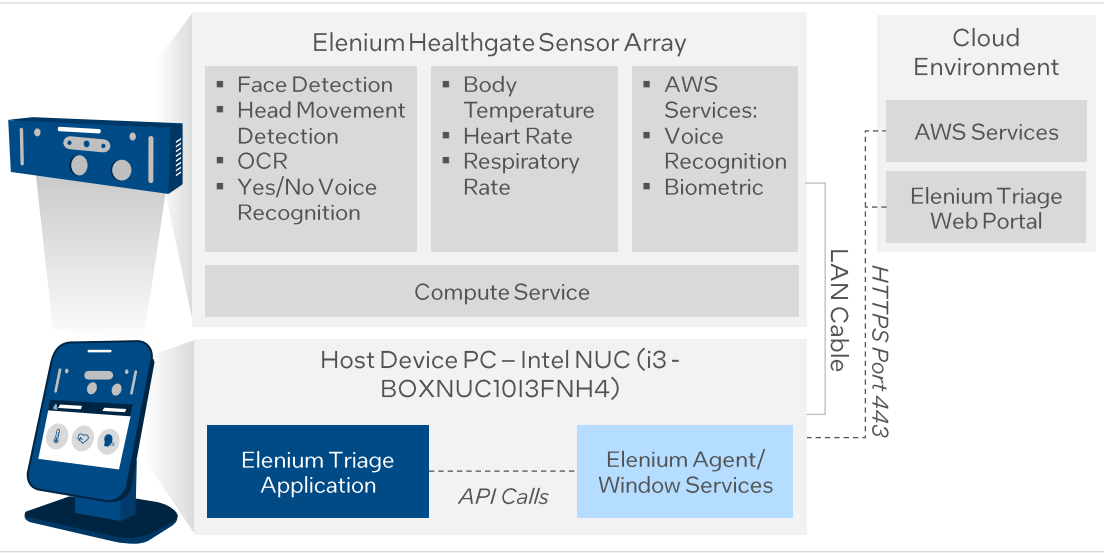
Elenium HealthGate is a touchless control and vital sign detection solution designed to bring wellness technology to high-traffic areas. By removing potential vectors for viral or bacterial transmission, facilities can manage access while helping to create safer customer engagements.

Value Props

Promote peace of mind for users through touchless vital sign screening and contactless functionality

Increase processing efficiency through intuitive user-friendly controls, freeing operational staff to focus on other areas

Integrate seamlessly into existing facilities and processes, using optimized Elenium technology powered by Intel processors



Intel Components

- Intel® NUC
- Intel® RealSense™ Technologies

Target Vertical: Hospitality

Secondary Vertical: Health & Life Sciences, Airlines, Transportation Hubs

Target Use Case: Human Wellness Monitoring

Secondary Use Case: Other

Learn More

- Elenium website and solution information
- Additional case studies and solution demo videos

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Expertos En Sistemas Braingine Machine Vision

Solution Overview

Braingine leverages Intel® NUC high-powered edge compute technology for automated inspection of planogram compliance, customer traffic flow, and infinite number of business performance queries for analytics based on AI reporting and recommendations.

Value Props

Gain incremental sales by in-depth monitoring of display and shelving

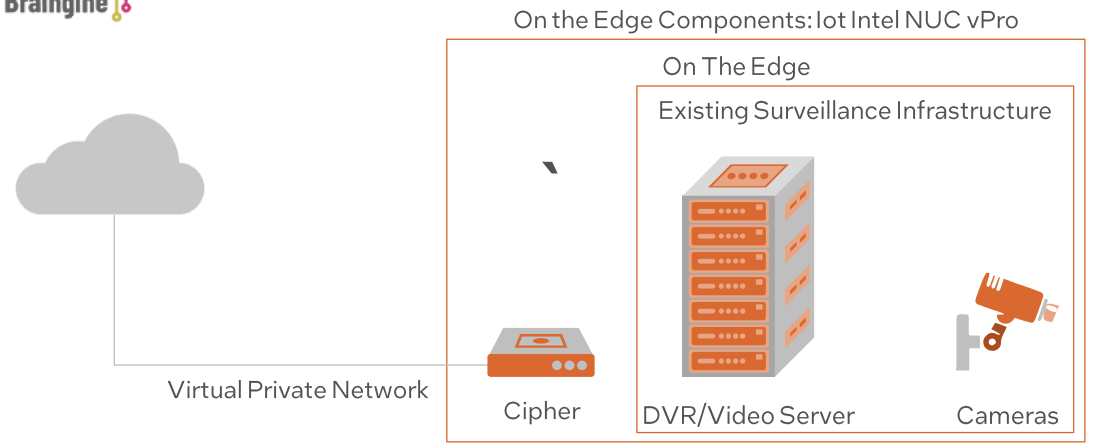
Optimize operational performance with AI edge compute

Execute real-time AI-generated strategies via high performance machine vision

Intel Components

- Intel® NUC
- Intel® Xeon® Processors
- Intel® Solid State Drives (SSD)
- Intel® Neural Compute Stick 2
- Intel® Movidius™ Myriad™ X VPU

Braingine Architecture



Target Vertical: Retail

Secondary Verticals: Banking/Financial Services, Hospitality, Manufacturing, Government, Transportation

Target Use Case: Situational Monitoring

Secondary Use Case: Logistics & Tracking, Environmental Monitoring

Geo Availability

Americas

Learn More

- Learn more about Innodep solutions on the Expertos website
- Learn more about the Braingine solution here
- Contact Expertos here for access to their CMS

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Exterity Digital Signage and IP Video Solution

Solution Overview

The Exterity Digital Signage and IP Video Solution enables organizations to communicate more effectively with their customers and staff through the integration of video, audio, and graphics. The end-to-end solution distributes media from a variety of feeds to multiple devices over IP networks.

Value Props

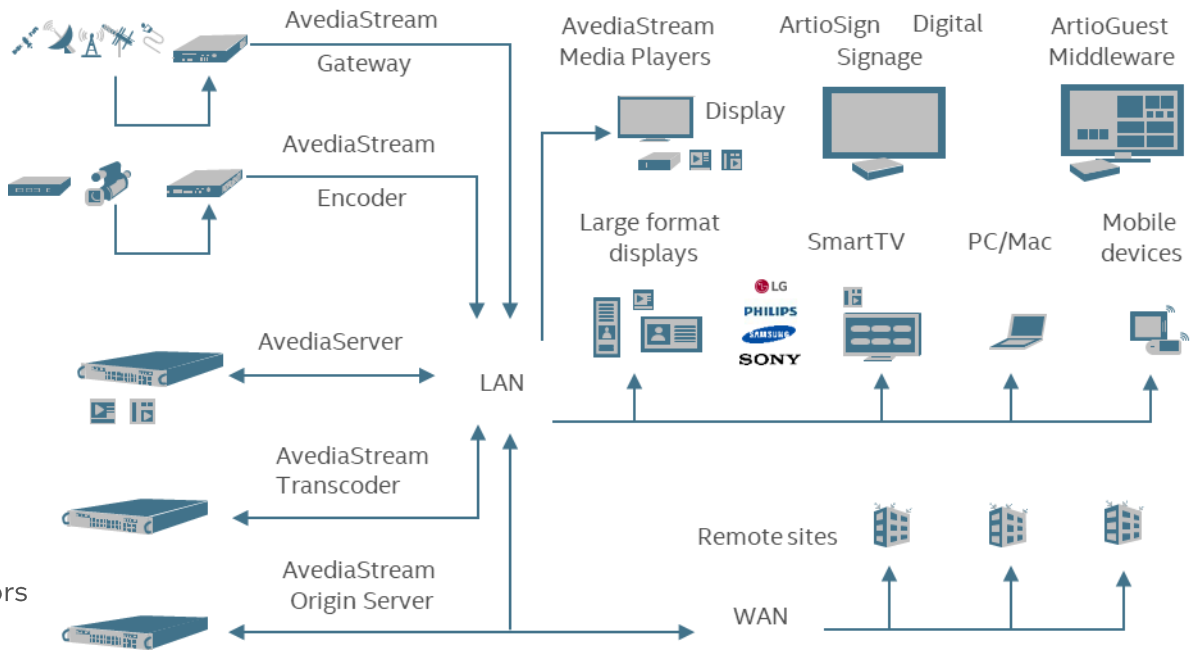
Engage customers quickly with eye-catching digital signage that combines dynamic graphics, text, and video elements to inform, promote, or entertain

Scale brand assets with an enterprise-ready solution that helps manage and configure digital signage with ease

Drive ROI growth with digital signage powered by IPTV technology that helps inform and promote products and services

Intel Components

- Intel® Atom® Processors
- Intel® Core™ i3 Processors
- Intel® Xeon® Processors
- Intel® Media SDK



Target Vertical:
Banking/FSI

Secondary Vertical:
Hospitality, Health & Life Sciences, Manufacturing, Transportation, Energy, Education, Venues

Target Use Case:
Interactive Media

Secondary Use Case:
Organisation-wide TV/Video Distribution, Digital Signage

Geo Availability
United States, Europe, Middle East, Africa, and APAC

Learn More

- Exterity website
- Exterity – IPTV & Digital Signage Solutions with executive interviews
- Bayer UK Case Study

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EXTRA COMPUTER GMBH

Calmo IOT Terminal for Manufacturing and POS

Solution Overview

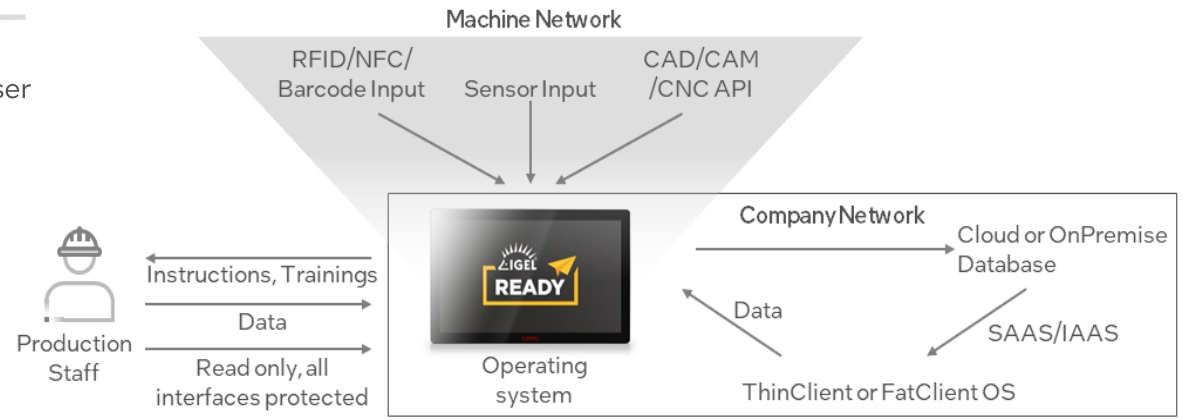
With Calmo IOT Terminal, users can input manufacturing data, see manufacturing data from multiple sources, and engage employees on the job with training, time tracking, and instructions. Traditionally, PC functionality had been a challenge at production sites– welding sparks flying, liquids spraying, and the necessity of protective gloves for employees meant that touch screens were out of the question and traditional computer set ups needed to be out of site. With Calm IOT Terminal, PC display and data entry is possible in almost any factory setting.

Value Props

Implement a durable solution with industrial protection against dust, liquid, aggressive cleanser and temperature changes

Improve operational efficiency and decision making by providing comprehensive views of operations sourced inputs across the floor

Empower employees by facilitating on-the-job training and instruction for maximum effectiveness



Intel Components

- Intel® Celeron® Processors
- Intel® Core™ Processors
- Intel ® Pentium ® Silver J5005 Processor
- Intel® Ethernet Controller i210
- Intel® Wireless AX200

Target Vertical:
Manufacturing

Secondary Vertical:
Energy, Retail, Digital Signage, Transportation, Warehousing

Target Use Case:
Asset & Operations Optimization

Geo Availability
EMEA, Americas, APJ

Learn More
- Calmo IOT Terminal Home Page
- EXTRA Computer GmbH

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faytech AG EASY Shopper

Solution Overview

The faytech AG EASY Shopper solution assists customers in finding products using a cart-mounted GPS and touchscreen. It also shows discounted products and the most efficient path through the store according to the customer's shopping list. Retailers can also check customer behavior and obtain analytics to offer targeted promotions.

Value Props

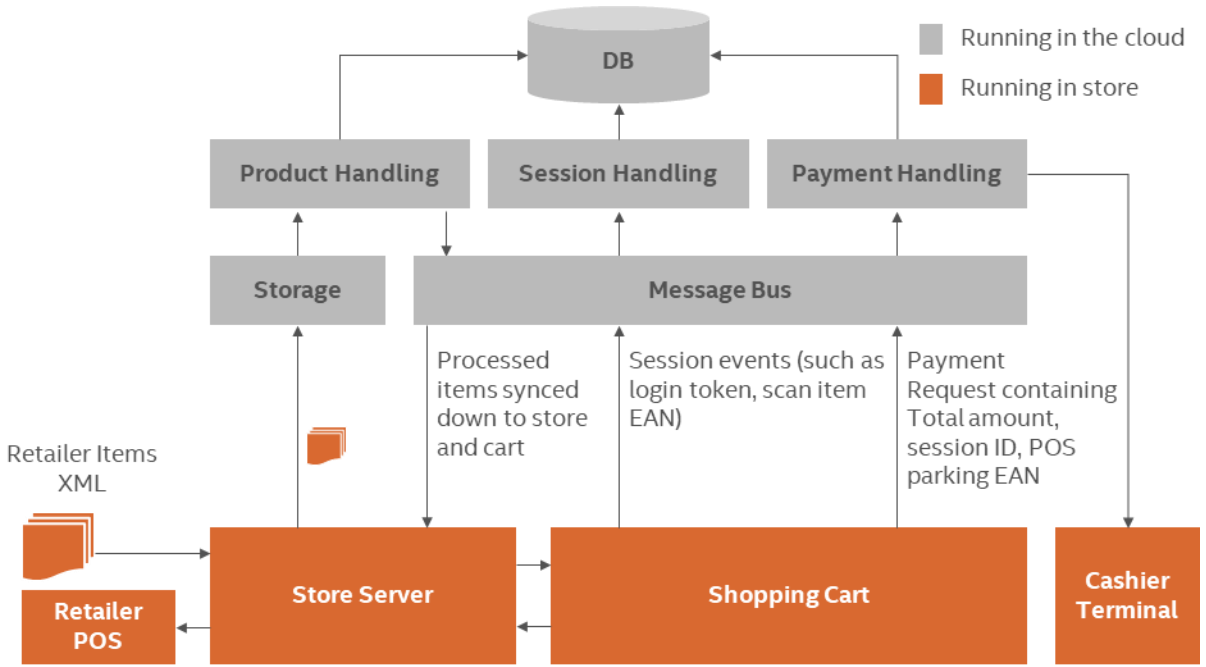
Reduce costs with fewer cashiers and more cashless payments

Increase customer throughput with innovative way finding technology to accelerate customer traffic through the store

Improve marketing messaging by using customer data and behavior to offer personalized promotions

Intel Components

- Intel® Celeron® Processors
- Intel® Core™ i3 Processors



Target Vertical:
Retail

Target Use Case:
Logistics & Tracking

Secondary Use Case:
Interactive Media, Product Inspection

Geo Availability
NA, EMEA, PRC, Japan, India

Learn More

- faytech AG Website
- faytech AG Product Page
- EASY Shopper Website
- Intel Solutions Marketplace

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Fortinet Secure Branch

Solution Overview

The Fortinet Secure Branch solution enables customers to converge their security, WAN, and LAN infrastructure components into a single platform solution. NGFW, SD-WAN and ZTNA features integrate with the FortiGate firewall to allow for secure onboarding of IoT devices while managing real-time security of all devices on the network. Once the devices are authenticated on the network, any vulnerabilities or security anomalies that are detected are automatically isolated to minimize burdens on staff and decrease response time.

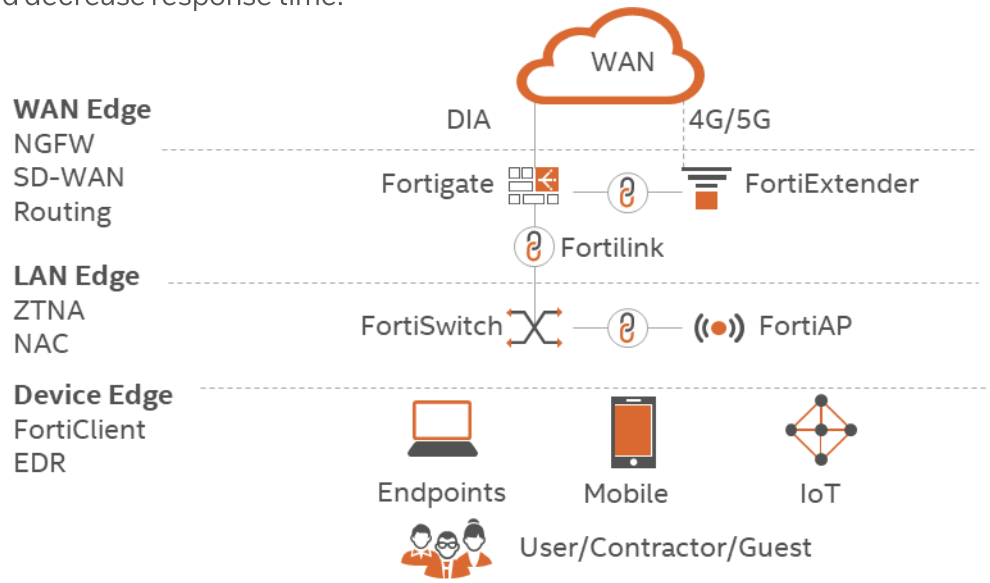
Value Props

Protect any edge and any app at scale† with advanced threat protection, convergence of network and security, SSL-Decryption and network automation

Simplify access layer security with direct and integrated control and configuration, and management which extends NGFW to LAN Edge

Reduce costs and complexity with a secure, business outcome driven WAN with better application performance and integrated security

Control every device on every network by automatically discovering devices and applying policy at scale



Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Xeon® D Processors
- Intel® Xeon® E Processors
- Intel® Xeon® E5 Processors
- Intel® QAT
- Intel® SDO
- Intel Atom® Processors

Target Vertical:
Retail

Secondary Verticals:
Hospitality

Target Use Case:
Asset & Operations Optimization

Secondary Use Cases:
Situational Monitoring, Digital Transformation, Network & Security Convergence

Geo Availability
Globally Available

Learn More
- Fortinet website
- Fortinet retail
- Fortinet Fabric

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ForwardX Robotics Visual Autonomous Mobile Robots

Solution Overview

ForwardX provides robotics and software solutions that enable logistics & manufacturing operations to automate material handling processes and manage the fleet of AMRs from a central system. ForwardX robots leverage computer vision and lidar to understand changing environments and allow leaders to maximize performance.

Value Props

Improve productivity and efficiency with AMRs that transport materials to help minimize walking time and improve throughput

Optimize operations by managing of up to 200 AMRs through ForwardX's Matrix fleet management software

Scale rapidly with a straightforward implementation, and no new infrastructure or layout adjustments

Intel Components

- Intel® Core™ i5 Processors



Target Vertical:
Manufacturing

Secondary Vertical:
Hospitality, Retail

Target Use Case:
Control Optimization & Autonomy

Secondary Use Case:
Asset & Operations Optimization, Logistics & Tracking

Geo Availability
Asia-Pacific, North America, South America, Europe

Learn More
ForwardX Website

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Geek+ AI AMR Edge Cloud Smart Logistics Solution

Solution Overview

The Geek+ AI AMR Edge Cloud Smart Logistics Solution is a multi-form factor robotics system that enables manufacturers and logisticians with a fully automated inventory management system. This AMR (Autonomous Mobile Robot) solutions is capable of independently transporting a wide range of industrial products, including pallets, and coordinating with live personnel. The Smart Logistics Solution provides diverse capabilities applicable to a wide range of complex product management needs.

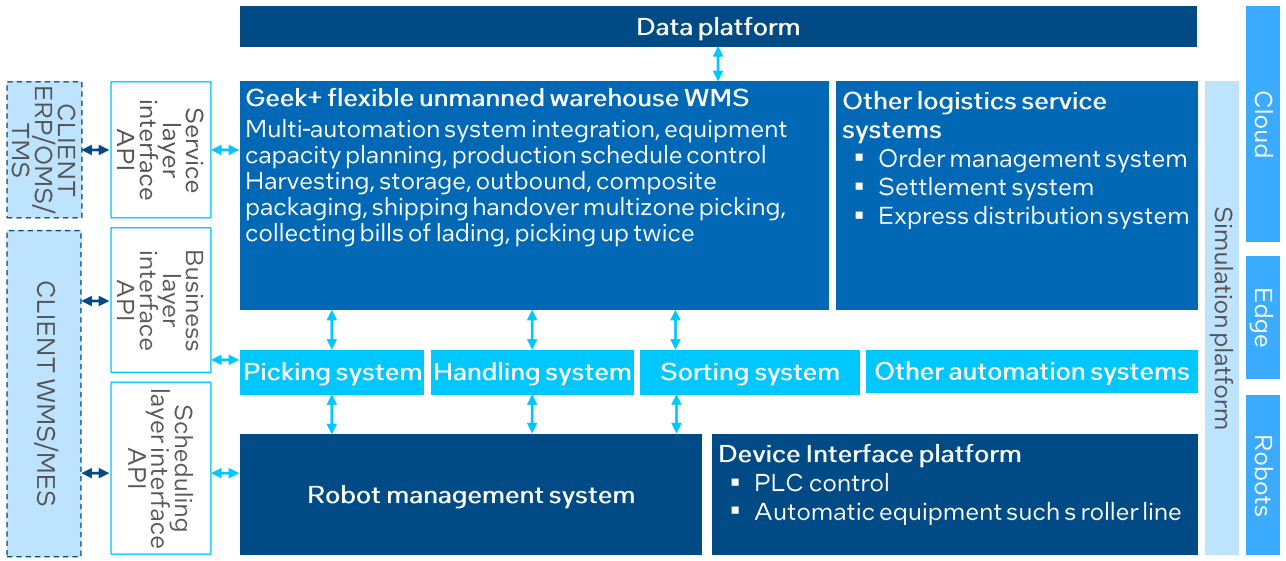
Value Props

Optimize internal logistics through solution providing precise inventory analysis and interfaces with staff

Enable efficient procurement management through an AMR solution that automates transportation for material requisition and avoids collisions

Increase staff productivity by automating routine processes, eliminating potential human error, and allowing staff to focus on higher-level tasks

Geek+ WMS system service module



Intel Components

Intel Components

- Intel® Core™ i3 Processors
- Intel® Xeon® Processors
- Intel® RealSense™ Technologies

Target Vertical:
Manufacturing

Secondary Verticals:
Health & Life Sciences, Hospitality, Retail, Transportation

Target Use Case:
Control Optimization & Autonomy

Geo Availability
Peoples Republic of China

Learn More

- Solution architecture
- Solution documentation
- Geek+ URL

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Getac

Getac Video Solutions

Solution Overview

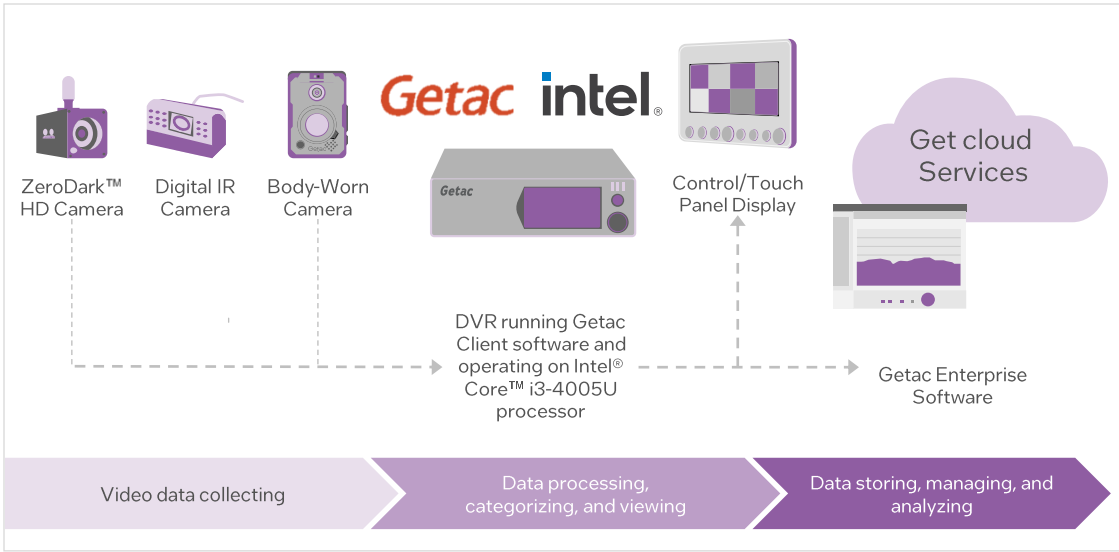
In-car and body-worn video surveillance devices for the Pubic Safety sector that enable outstanding video quality, user-friendly management, and robust data analytics

Value Props

Improve officer safety with complete situational awareness and real-time decision-making

Increase productivity and efficiency by streamlining evidence management

Protect evidence with fault-tolerant devices and secure storage from the DVR to the cloud



Intel Components

Intel® Core™ i3-4005U processor

Target Vertical:
Government

Secondary Verticals:
Transportation

Target Use Case:
Situational Monitoring

Secondary Use Case:
Environmental Monitoring, Human Wellness Monitoring

Geo Availability
U.S. and Canada

Learn More
Getac Video Solutions website

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Giada

Giada Digital Signage Management

Solution Overview

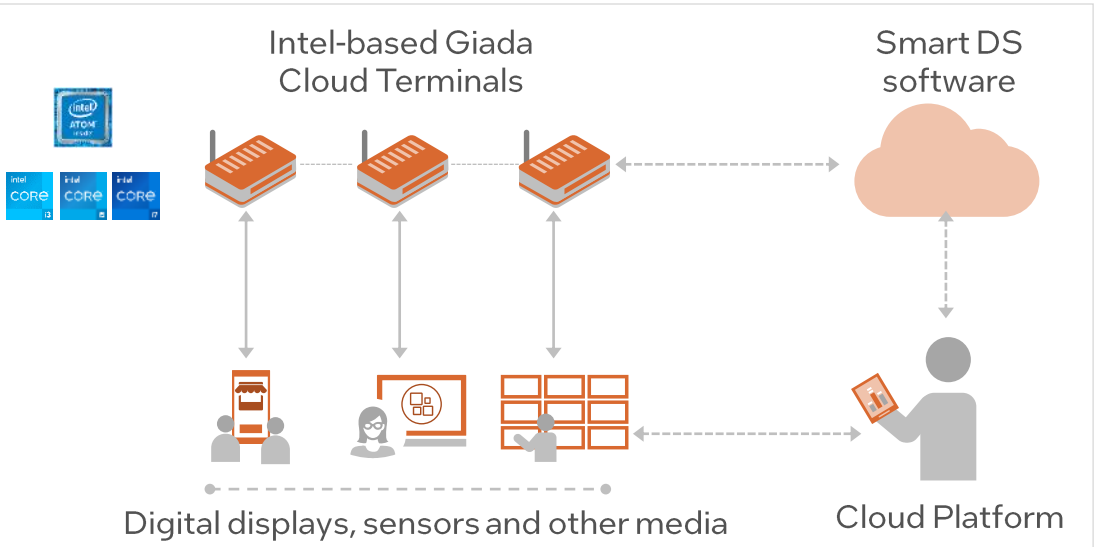
A system of business and industrial-grade media players that are part of a new generation of intelligent digital signage, these displays provide information directly to patrons in a physical space for various industries and scenarios

Value Props

Simplify hardware architecture with a flexible application to meet the needs of the system

Streamline operations through processes to control technology and maintenance

Save time through a customized service



Intel Components

- Intel Atom® Processors
- Intel® Celeron® Processors
- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical: Retail

Secondary Verticals: Hospitality, Health & Life Sciences, Transportation

Target Use Case: Interactive Media

Geo Availability
APAC and Greater China

Learn More

- The Giada Website here
- To order the Giada Digital Signage Management solution, please contact Tony Liu, the Giada Marketing Director, at Tony@giadatech.com

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GRAYMATICS

Graymatics AI Driven Advanced Video Analytics

Solution Overview

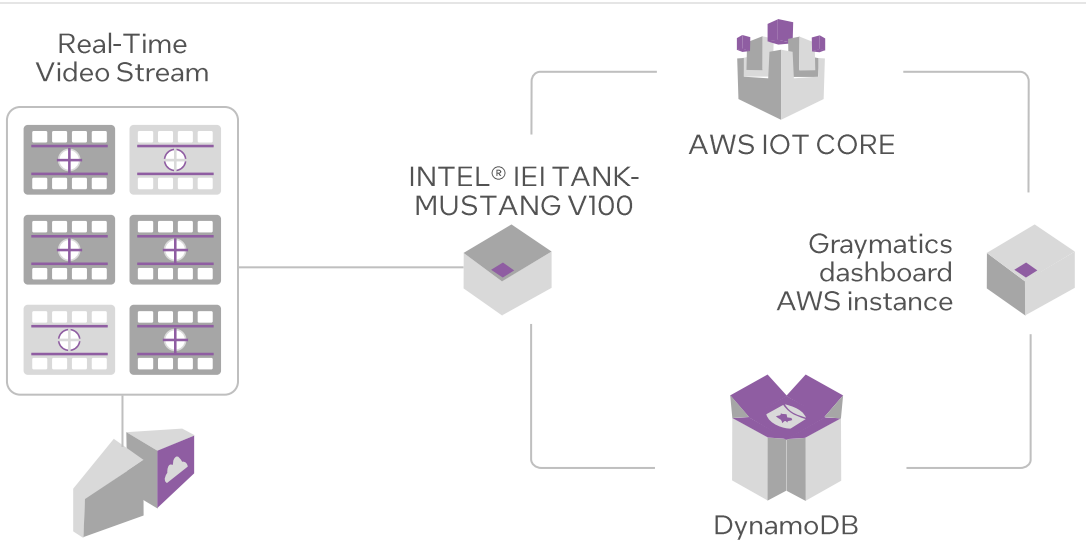
Graymatics AI Driven Advanced Video Analytics transforms CCTV technology by creating software that derives contextual metadata from video footage using an advanced AI-driven analytics platform. Going beyond simply capturing camera footage, this solution can track events and help customers identify patterns.

Value Props

Increase operational efficiency through automated analysis and annotation of captured video footage, eliminating the need for human examination

Understand consumer behavior through technology that identifies consumer purchase decisions in real-time

Protect people through automatic recognition and identification of key descriptors



Intel Components

- Intel® Core™ i7 Processors
- Intel® Movidius™ Myriad X® VPU

Target Vertical: Government

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Banking/FSI, Hospitality, Education, Health & Life Services, Transportation, Manufacturing, Smart City, Building Management

Geo Availability
Asia, Japan, Middle East, Australia

Learn More
- Graymatics website

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GRUPO MSA
Innovando Sociedades

Grupo MSA – Electronic Ballot System (EBS) by vot.ar

Solution Overview

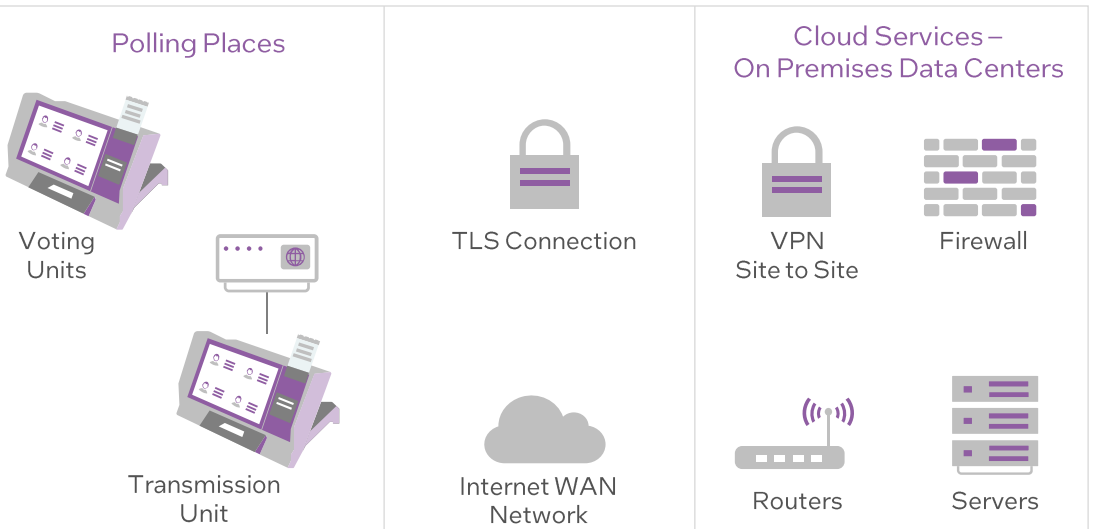
The Grupo MSA – Electronic Ballot System (EBS) by vot.ar is a solution that provides self-service electronic voting machines with dynamic displays and integrable technology. This solution allows governments to streamline voting and to provide a safer alternative to traditional and DRE systems

Value Props

Provide an easy-to-use system by increasing ballot availability and accessibility

Protect against voter fraud and reduce errors with strict security procedures and checks that prevent double counting votes

Increase voter confidence with manual and electronical auditability options



Intel Components

- Intel® Atom® Processors
- Intel® Celeron® Processors

Target Vertical:
Government

Target Use Case:
Interactive Media

Geo Availability
LAR

Learn More
- Grupo MSA Grupo MSA Website
- Intel Solutions Marketplace

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Hikrobot: iWarehouse Intelligent Management Warehouse

Solution Overview

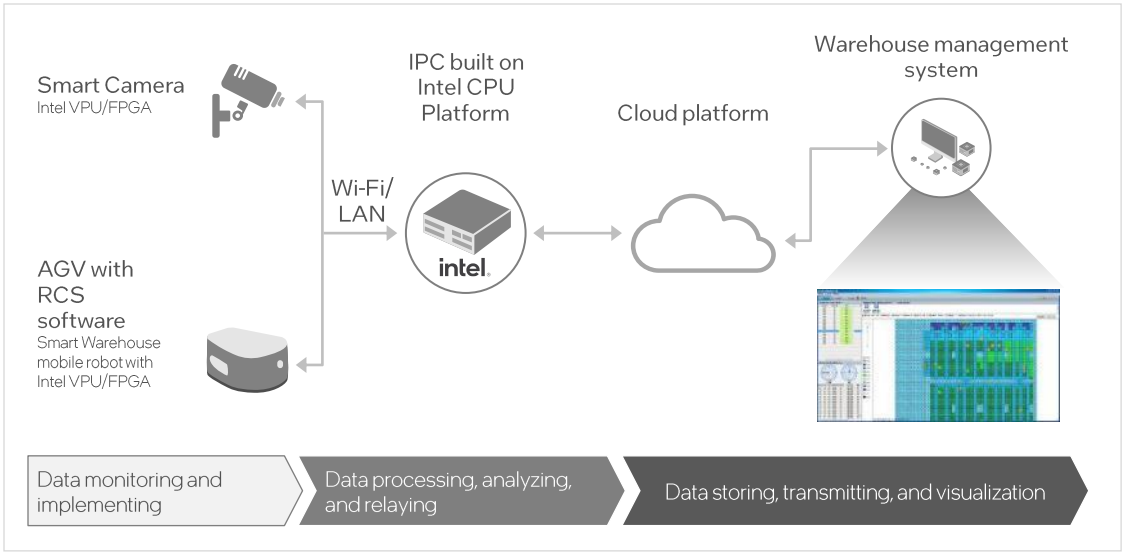
A warehouse management system that uses a mobile robot and control system to improve storage efficiency.

Value Props

Optimize warehouse storage through demand analysis of available storage and automatic shelf adjustments

Streamline warehouse management by supporting inventory business processes

Gain total control with flexible management strategies, user-based permission configuration, and warehouse visualization



Intel Components

- Intel® Movidius™ Myriad™ VPU
- Intel® FPGA
- Intel® Xeon®
- Intel® Core™ based CPU Platform

Target Vertical: Manufacturing

Secondary Vertical: Retail

Target Use Case: Situational Monitoring

Secondary Use Case: Logistics & Tracking

Geo Availability

Available in North America, APJ, PRC, APAC, and EMEA

Learn More

- Hikrobot iWMS solution webpage
- AGV robot demo video 1 and video 2

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HiteVision Interactive Classroom Broadcasting Solution

Solution Overview

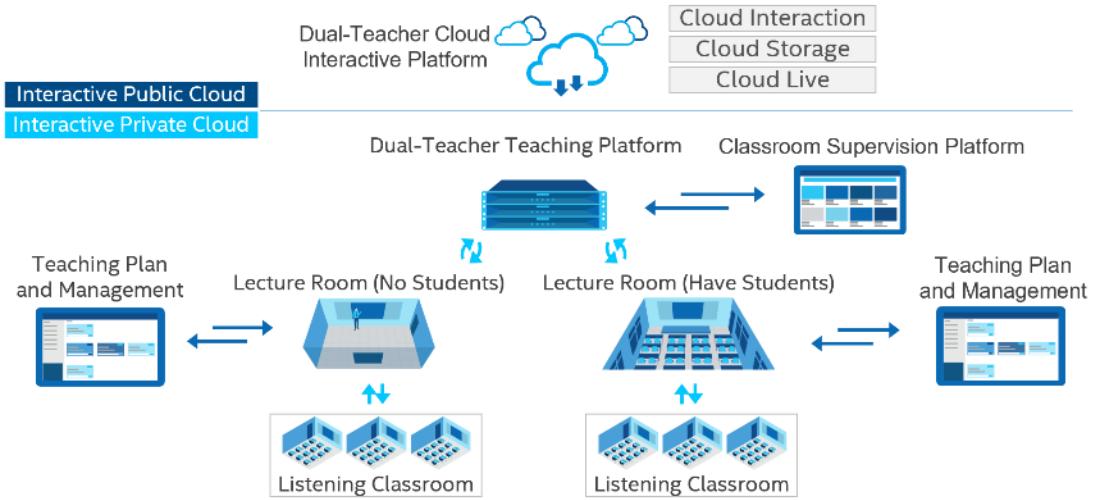
The HiteVision Interactive Classroom Broadcasting solution is an interactive solution enabling remote teaching and lesson management in dual-teacher class environments. Through a "cloud + terminal" model, the solution allows educators to manage detailed teaching plans in collaboration with support staff, without requiring professional audio-visual equipment. HiteVision fits a variety of classroom styles, including participatory lectures and listening-only classrooms. It allows all students within a class, facility, or district to benefit from high-quality educational tools and connectivity.

Value Props

Provide a consistent and equitable educational experience by allowing a core group of educators to effectively support students, regardless of location, with consistent, engaging, and high-quality educational resources

Streamline lesson planning and material distribution using the integrated teaching plan and management software to seamlessly plan courses and manage students' accounts and devices

Implement data driven insights by leveraging automated student performance monitoring that tracks student's test scores, work performance, and engagement so educators can make informed alterations to their lesson plans to optimally address the needs of their students



Intel Components

- Intel® Core™ i3, i5, and i7 Processors
- Intel® Media SDK

Target Vertical:
Education

Target Use Case:
Interactive Media

Geo Availability
People's Republic of China

Learn More
- Solution website
- About HiteVision

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Honeywell

Honeywell Airport Solutions

Solution Overview

The Honeywell EBI enables the Airport Platform with an easy-to-use, intelligent solution that facilitates building management, safety, security, and communications systems, ground and air traffic control, utility management, situational monitoring, airfield operations, and other airport use cases. This solution coordinates activity by integrating systems, teams, workflows, and devices across facilities and airport special systems. The solution enables airport developers and operators to command and control their united edge with ease and execute efficiently.

Value Props

Streamline labor and operational efficiency with access to real-time data and communications

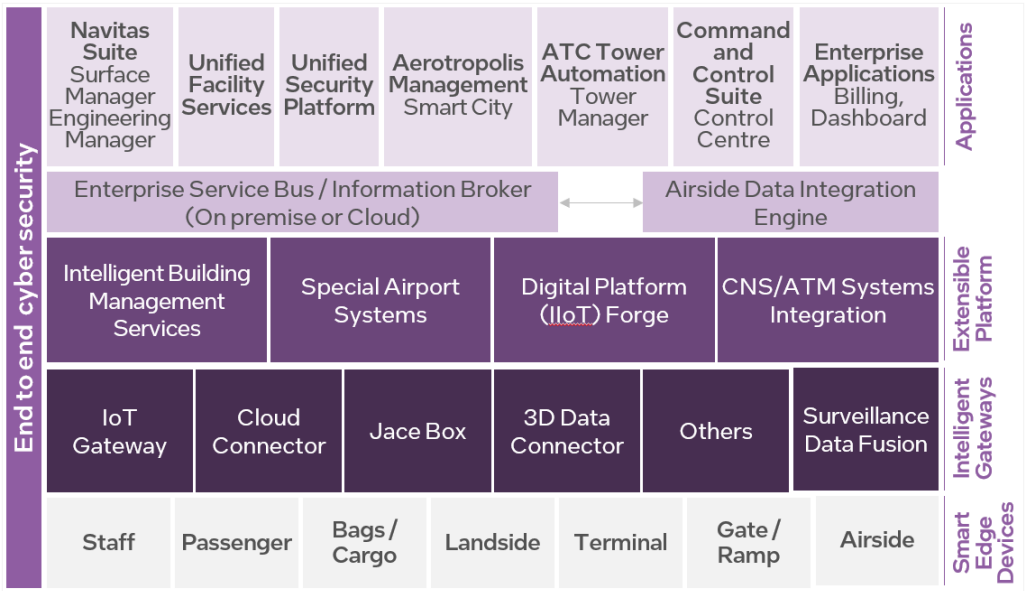
Enhance situational awareness with a platform that unites a vast range of security edge devices

Help maximize ROI and reduce costs with a platform that can reduce flight delays and streamline cargo and luggage management

Optimize energy consumption with AI that helps track consumption and deliver insights to help optimize energy usage

Intel Components

- Intel® Xeon® E3 Processors
- Intel® NUC
- Intel® Atom® Processors
- Intel® Ethernet Products up to 10GbE
- Intel® Core™ i3, i5, and i7 Processors
- Intel® Media SDK



Target Vertical:
Government

Secondary Vertical:
Energy, Transportation & Warehousing

Target Use Case:
Asset & Operations Optimization

Secondary Use Case:
Control Optimization & Autonomy, Energy Monitoring & Management, Environmental Monitoring, Situational Monitoring

Geo Availability
APJ, Americas, EMEA, PRC

Sales Contact:
Deepak Kashyap – deepak.kashyap2@honeywell.com

Learn More
Airports | Honeywell Building Technologies

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Honeywell

Honeywell City Suite Safe Cities

Back to Government Solutions
Back to Situational Monitoring Use Cases

Solution Overview

As cities and urban environments continue to grow in population and infrastructure, city officials and community leaders are facing the increasingly complex challenge of managing, monitoring, and operating systems such as traffic control, CCTV cameras, and more. To help cities address this challenge, Honeywell leveraged the Honeywell City Suite to develop its Safe Cities program, a comprehensive platform that gives community stakeholders the required insights and visibility to coordinate every aspect of complex city management. From day-to-day public property monitoring to coordination during an emergency situation, Honeywell City Suite integrates data collected from various systems such as security cameras, traffic management, parking management, waste management, lighting, energy and more to deliver real-time insights to inform decisions and facilitate rapid incident response to help create safer cities.

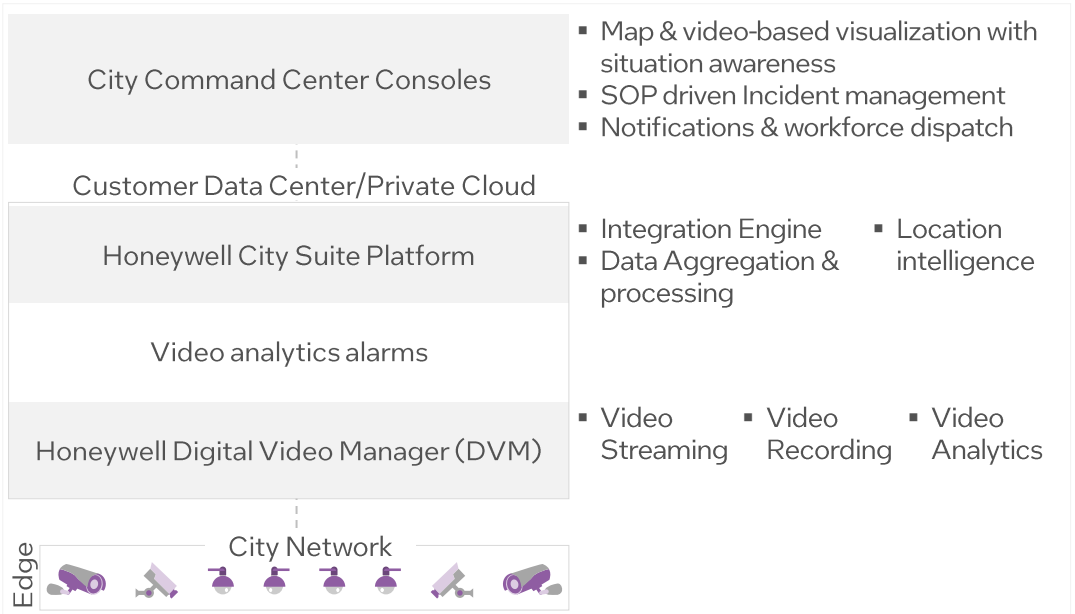
Value Props

Reduce incident response time by deploying a platform that uses real-time video analytics to enable automatic anomaly detection, geo locating, and city resource availability & assignment to identify the most efficient response route for emergency responders

Improve operational efficiency and compliance with a solution that facilitates the use of a structured Standard Operating Procedure with closed loop incident handling that can be audited in addition to an integrated Computer Aided Dispatch (CAD) system to reduce time for emergency call dispatching

Intel Components

- Intel® Xeon® SP Silver
- Intel® Core™ i5 Processors



Target Vertical:

Government

Target Use Case:

Situational Monitoring

Geo Availability:

Asia, Americas, Europe, Middle East, Africa

Sales Contact:

Vivek Varma – vivek.varma@honeywell.com

Solution Webpage:

Honeywell Building Technologies Website

Learn More:

Honeywell Website

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HuaDian Intelligent Energy Management

Solution Overview

A lightweight smart energy solution purpose-built to meet the demands of modern grids and systems to help businesses and governments realize comprehensive energy monitoring and management

Value Props

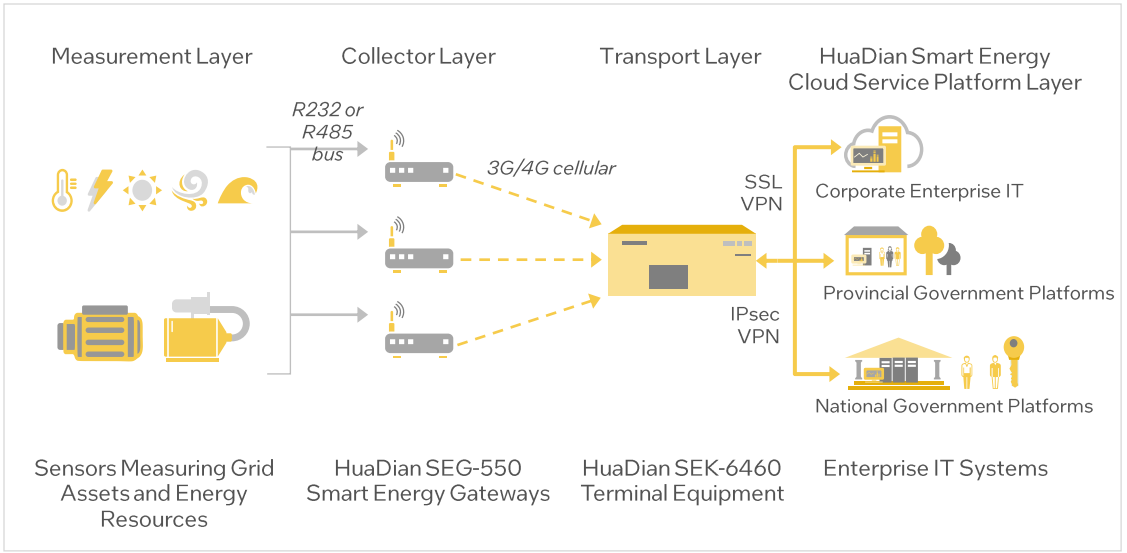
Save on energy costs by managing energy across sites remotely from a centralized platform

Increase operational efficiency by predicting failures and intelligently optimizing energy workloads

Improve worker safety by reducing on-site maintenance calls and identifying hazardous conditions remotely

Intel Components

- HuaDian SEG-550 Smart Energy Gateways based on Intel Atom® processors
- HuaDian SEK-6460 Terminal Equipment based on Intel® Core™ vPro™ processors
- HuaDian Smart Energy Cloud Service Platform on 3rd party platform (Alibaba AliCloud) or Intel® Xeon® processor-based CSP



Target Vertical: Energy

Secondary Verticals: Government

Target Use Case: Energy Monitoring & Management

Secondary Use Cases: Machine Condition Monitoring

Geo Availability

China, US, Europe, Asia

Learn More

- Lanner Inc. Power and Energy Solutions

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hubz
SMART STORES

Hubz Smart Stores

Solution Overview

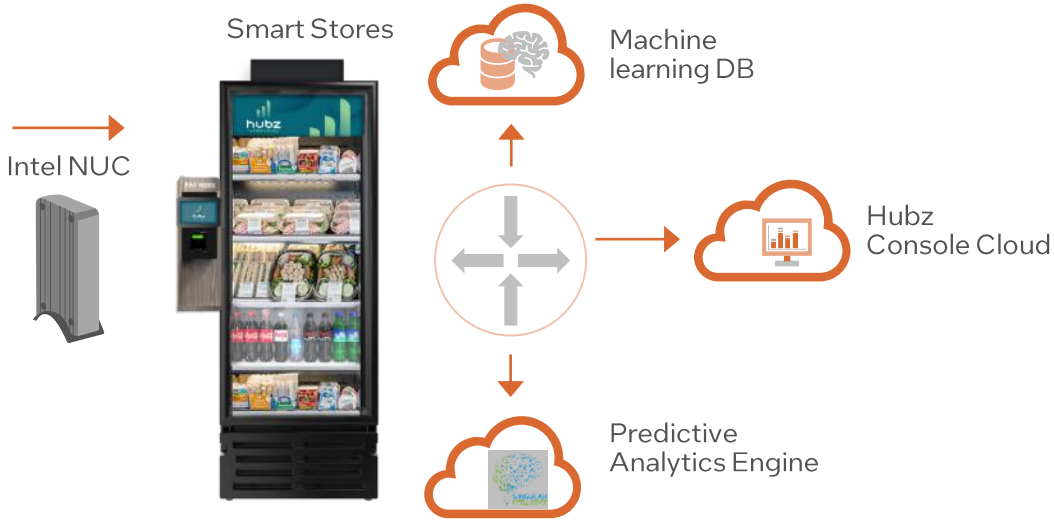
Smart Stores by Hubz is a smart vending solution automates the vending process for distinctly smooth self-service. Vending operators can offer fresher, healthier products and securely operate micro-markets, while retailers can provide customers with 24/7 availability of select products. Smart Stores helps businesses increase efficiencies and implement valuable insights based on inventory and customer behavior.

Value Props

Enhance customer experiences through frictionless digital-physical self-service

Drive efficiencies by enabling flexible planogram of multiple SKU's on one plate

Gain valuable insights into consumer behavior and inventory levels with real-time visibility



Intel Components

Intel® NUC

Target Vertical: Retail

Target Use Case: Logistics & Tracking

Secondary Use Case: Interactive Media

Geo Availability

US, EMEA

Learn More

Hubz Smart Stores webpage

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HY Medical AI-Assisted Diagnosis of Medical Imaging on IA Solution

Solution Overview

Hitachi Vantara's Smart Spaces and Lumada Video Insights provides the Intelligent Behavior Monitoring for Healthcare and Life Sciences solution that has the potential to deliver an immediate value for healthcare organizations through real-time monitoring of patient activity, worker health, and facility operations.

Value Props

Increase diagnostic accuracy for a variety of conditions and diseases with advanced AI software for medical imaging

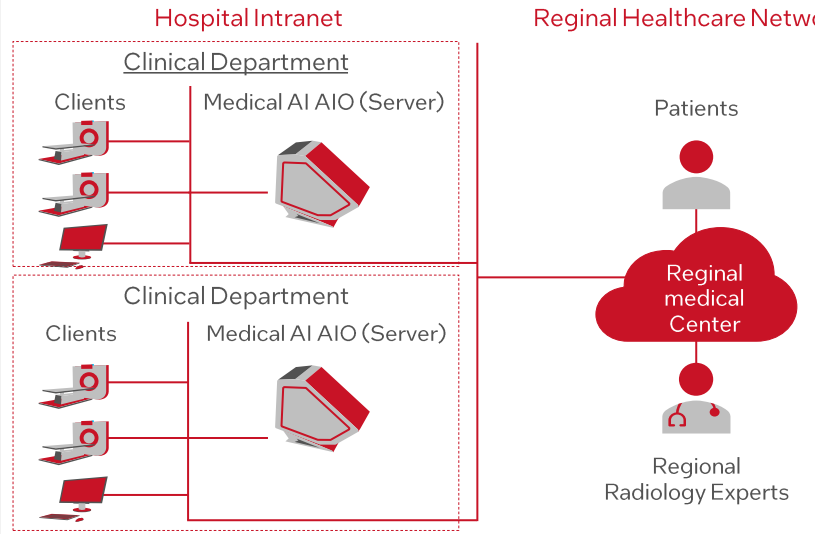
Improve work efficiency with powerful computing that can rapidly detect a lesion area, analyze it, and segment it automatically for facilitated viewing

Mitigate personnel shortages with advanced AI systems that leverage hospital image data to produce results and help close medical experience gaps

Intel Components

- Intel® Core™ i5 Processors
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ Toolkit

Deployment Architecture



Target Vertical: Health & Life Sciences

Target Use Case: Product Inspection

Geo Availability
Asia/Pacific/Japan; PRC; EMEA; Americas.

Learn More
- HY Medical Intel Website
- Solution Demo Platform
- Solution Video
- Solution Documentation

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Hark

The Hark Platform

Solution Overview

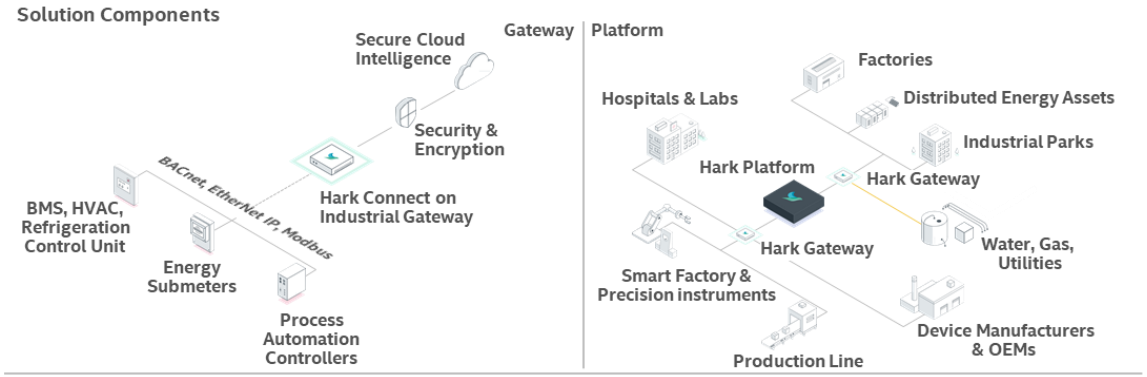
The Hark Platform consists of the Hark Connect, Hark Analytics, and Hark Energy Tools software suite. This cloud-based sensor platform helps businesses monitor, manage, regulate, and optimize electrical and mechanical operations across a diverse range of asset classes and devices by processing and analyzing millions of sensor readings in real-time. Captured data is ported via a wide range of protocols to produce rich user-friendly dashboards and visualizations. Data can also be leveraged to create nuanced event triggers and alerts, as well as complex automation processes.

Value Props

Save money and carbon by reducing excess consumption through a solution that monitors high volumes of data to fine tune automated processes and mitigate risks

Enhance the performance of industrial systems through real-time alerts, benchmarks, reports, triggers, events, and other automated protocols without costly hardware replacements

Achieve seamless interconnectivity by uniting a wide range of devices through a dynamic data network to streamline and optimize complex operations



Intel Components

Intel® Atom® Processors

Target Vertical:
Manufacturing

Secondary Verticals:
Agriculture; Energy; Health & Life Sciences; Hospitality; Retail

Target Use Case:
Energy Monitoring & Management

Secondary Use Cases:
Asset & Operations Optimization; Environment Monitoring & Management; Logistics & Tracking; Machine Condition Monitoring

Geo Availability
Canada; United States; Germany; United Kingdom

Learn More
- Hark Homepage
- Solution documentation
- Solution architecture

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HOOBOX Robotics Neonpass

Solution Overview

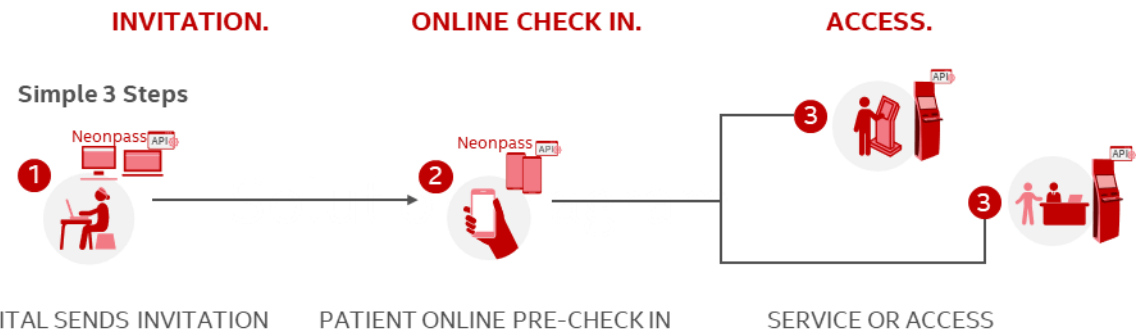
The HOOBOX Robotics Neonpass is a patient pre-check-in and document eligibility verification kiosk solution that automates patient admission on the administrative side, and also allows staff to track patients inside the hospital to ensure security and avoid fraudulent actions. Additionally, the kiosk helps streamline the patient experience as patients who have pre-checked-in can be admitted inside the hospital through the touchless kiosk by face recognition identification. This helps avoid delays and reduces patient admission costs for the hospital.

Value Props

Increase patient satisfaction with a seamless experience that streamlines the check-in process and reduces wait times

Reduce costs by 35% to 85% on manual patient administration processes with pre-check in, with staff freed up to perform other valuable tasks

Improve patient data collection, retention, and privacy with a digital application that brings questionnaires to the patient's personal devices for easy accessibility and participation, increasing the number of completed forms by up to 23%



Kit Components

- Intel® NUC
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Realsense™ Technology

Target Vertical:
Health & Life Sciences

Secondary Vertical:
Education

Target Use Case:
Asset & Operations Optimization

Secondary Use Case:
Human Wellness Monitoring

Geo Availability
Brazil, Canada, Mexico, United States, Other Americas, Middle East, North Africa and Turkey

Learn More
- HOOBOX website
- HOOBOX Neonpass landing page

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i3-Technologies Hybrid Teaching

Solution Overview

The i3-Technologies Hybrid Teaching Solution provides a comprehensive portfolio of cloud-based technologies for education institutions. Information is displayed at the edge and distributed via the cloud to the i3LEARNHUB platform. IT managers can use i3RDM to monitor their interactive screens, view usage data, remotely roll out updates, and ensure compliance and enhance device security.

Value Props

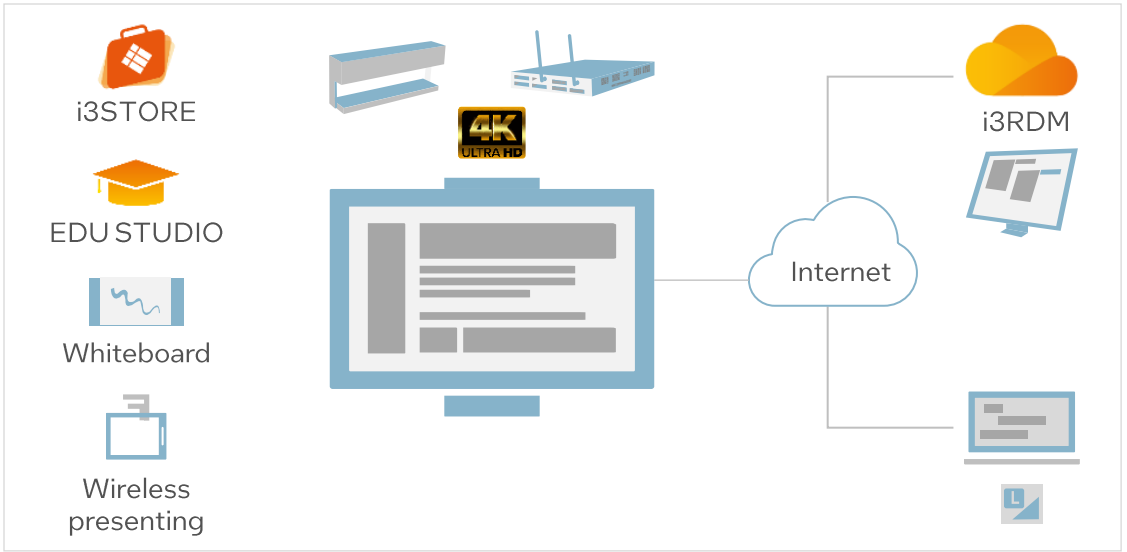
Provide interactive learning opportunities to students, turning physical and digital classrooms into collaborative workspaces

Monitor data infrastructure security with the latest privacy and infrastructure security requirements

Improve efficiencies of network devices, install apps, and view usage data

Intel Components

Intel® Core™ i3, i5, or i7 processors



Target Vertical: Education

Secondary Verticals: Public Sector/Government

Target Use Case: Interactive Media

Secondary Use Cases: Human Wellness Monitoring

Geo Availability
Globally

Learn More
i3 Website

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imedtac
Transforming Healthcare Through AIoT

Imedtac iVMS Intelligent Vital Signs Station

Solution Overview

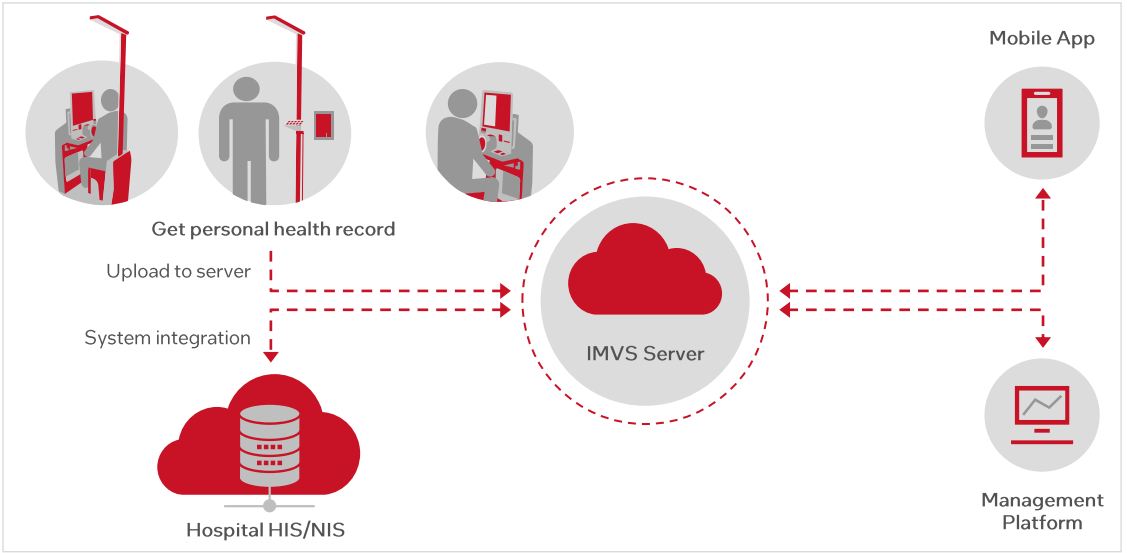
The iVMS Intelligent Vital Signs Station is a smart all-in-one wellness diagnostic kiosk that measures vital sign tests like height, weight, blood pressure, heartbeat, and temperature. Collected data can be upload to the cloud or even connect the hospital data systems directly to the cloud for data access.

Value Props

Measure vital signs quickly and accurately

Streamline operations by allowing visitors to check their vital signs themselves, freeing up staff

Manage patient data easily by automatically uploading data to the cloud and access data through a Hospital Information System



Intel Components

- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors
- Intel® Atom® Processors

Target Vertical: Health & Life Sciences

Secondary Verticals: Banking/Financial Services; Education; Government; Manufacturing; Retail; Transportation

Target Use Case: Human Wellness Monitoring

Secondary Use Case: Interactive Media

Geo Availability

Brazil, Canada, Mexico, United States, Other Americas, Australia/New Zealand, India, Japan, South Korea, People's Republic of China, Taiwan, Germany, Israel, Middle East, North Africa, Turkey, Russia, Sub-Saharan Africa, United Kingdom

Learn More

Imedtac website

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IDIS Solution Suite and IDIS Center

Solution Overview

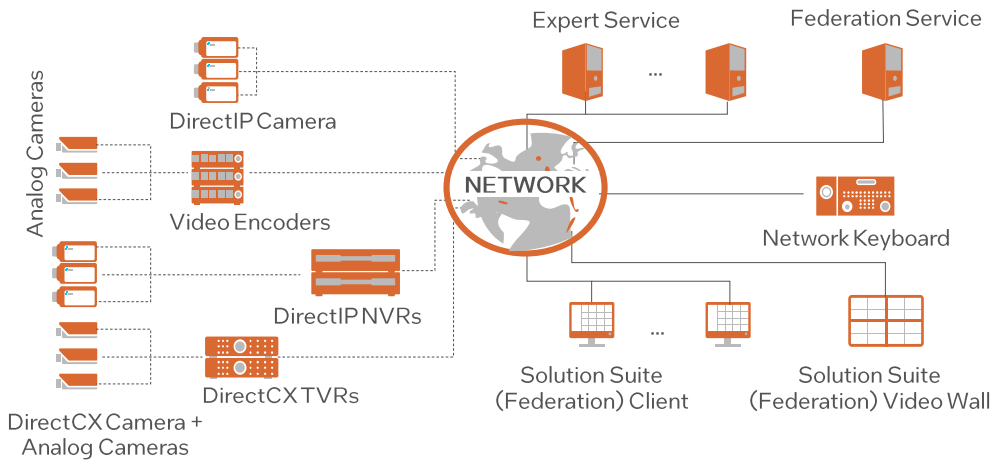
IDIS Center is a license-free video management software (VSM) for integrated management on IDIS products with the ability to live monitor up to 1,024 IDIS devices and provide video playback. IDIS Solution Suite is a VMS, requiring a one-time license fee, that integrates with third-party systems to manage an unlimited number of IDIS devices and compatible third-party systems and offers advanced functions such as backup, failover, streaming, and federation. The data gathered is then aggregated to provide real-time security notifications when threats arise.

Value Props

Help manage safety and security with ease with an end-to-end solution providing sourcing equipment, management software, and accessories

Decrease operational costs with FEN solution that's quick to install and integrates with existing systems

Increase system performance with multi-channel video recording through failover, backup, and redundancy functionalities



Intel Components

- Intel® Core™ i7 Processors
- Intel® Atom® Processors

Target Vertical:
Retail

Secondary Vertical:
Banking/Financial Services

Target Use Case:
Loss Prevention, Situational Monitoring and Awareness

Secondary Use Cases:
Asset Protection, Tracking, Analysis and Action

Geo Availability
Globally

Learn More
- IDIS Website
- IDIS Solution Suite Website
- IDIS and NDAA Compliance

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Indra Sistemas Onesait Sustainability Waste Citizen

Solution Overview

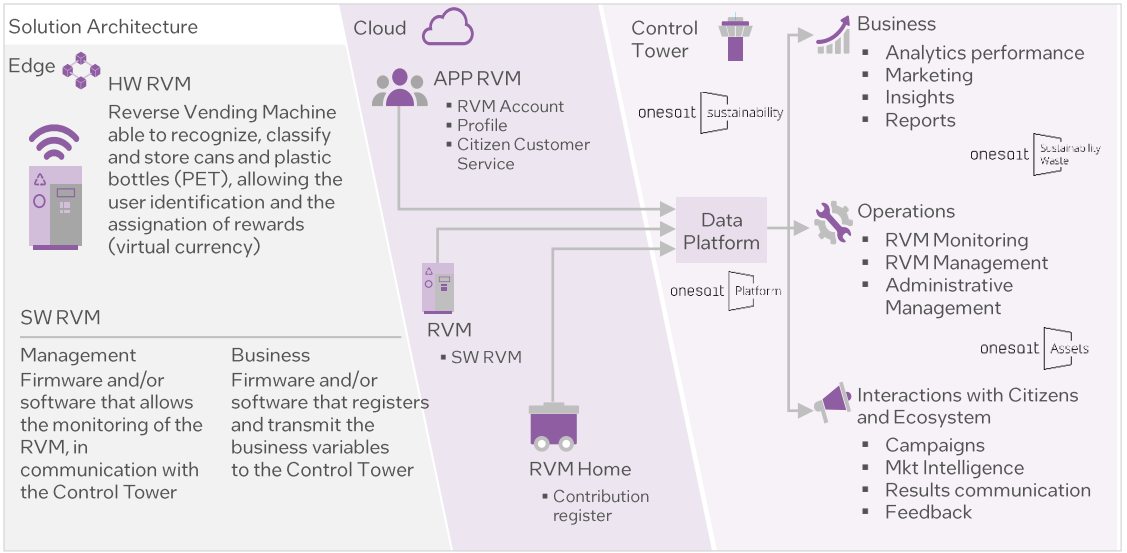
The Sustainability Waste Citizen is a reverse vending machine that distributes rewards and discounts in exchange for recyclable materials. Individuals recycle waste in the RVM which then sorts the materials. Data is collected on the materials in exchange for rewards. Additional metrics are collected to generate key insights to manage everything from outreach campaigns, to collection routes, reports, and more.

Value Props

- Deploy solutions through an easily managed system capable of swiftly defining critical functionalities, on-boarding partners, and integrating with new campaigns
- Stabilize and evolve program participation by implementing a system that facilitates new initiatives through Onesait and the Circular Economy program, along with public-private collaboration models
- Accelerate scaling and adoption with a solution capable of identifying and developing synergies between program stakeholders, markets, legal frameworks, and public interests

Intel Components

Intel® Celeron® Processors



Target Vertical: Government

Secondary Verticals: Hospitality, Retail

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Interactive Media

Geo Availability

Mexico; Other Americas; Germany; Middle East, North Africa and Turkey; United Kingdom

Learn More

Onesait Sustainability | Build a Circular Economy optimizing waste Management

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secunet

Industrial Network Security with Monitor for secunet edge

Solution Overview

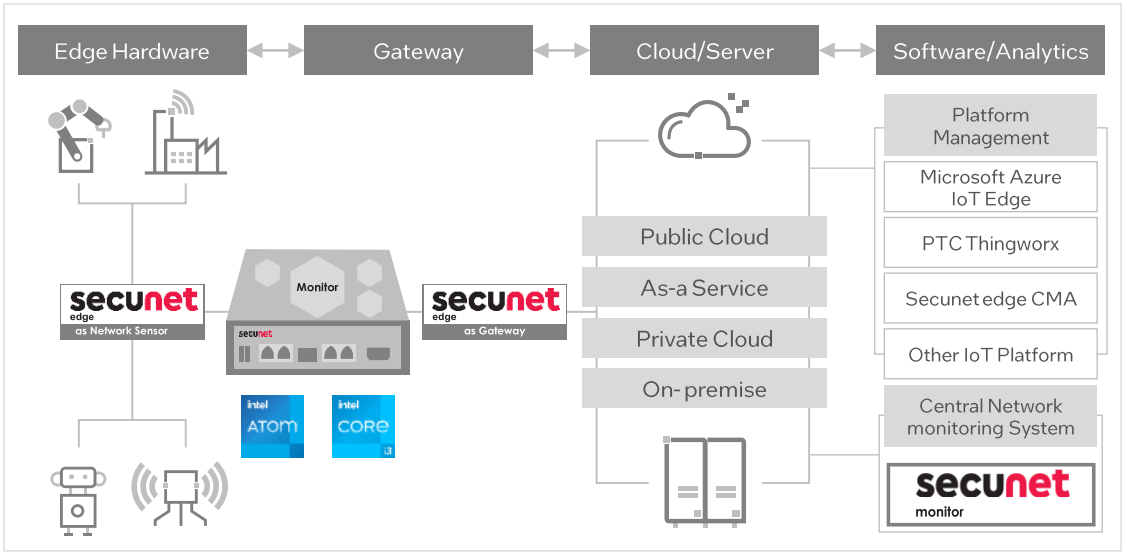
Secunet edge – Secunet's secure edge solution – Addresses cyber threats by enhancing the security and quality of connected IT and OT devices within industrial networks. Also using the secunet monitor, secunet has developed a comprehensive and cost-effective approach to edge computing while mitigating risks.

Value Props

Increase operational convenience and efficiency with user-friendly, flexible, and scalable edge appliances

Enhance security with secure appliances and fitting security apps, such as comprehensive network security monitoring

Reduce TCO with a comprehensive platform solution that supports multiple use cases and requires less maintenance



Intel Components

- Intel® Core™ i5
- Intel® Atom® Processors
- Intel® Ethernet Controller

Target Vertical: Manufacturing
Secondary Verticals: Agriculture, Banking/Financial Services, Energy, Government, Health & Life Sciences, Transportation

Target Use Case: Situational Monitoring
Secondary Use Cases: Asset & Operations Optimization, Control Optimization & Autonomy, Environmental Monitoring, Logistics & Tracking, Machine Condition Monitoring, Product Inspection

Geo Availability
Available in Australia/New Zealand, Germany, Middle East, North Africa and Turkey, Sub-Saharan Africa, United Kingdom

Learn More
- Secunet website

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Scalable Blueprints for Digital Transformation in Industrial Manufacturing

Solution Overview

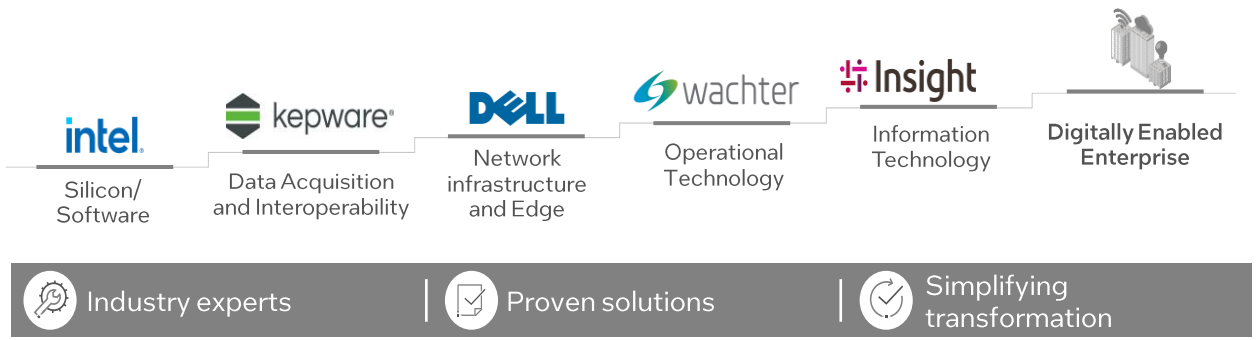
Modern factory systems face challenges with the growing complexity of transforming cross-factory data into actionable insights. Insight Enterprises addresses this challenge with Scalable Blueprints for Digital Transformation, a holistic solution designed to integrate technology and services for IIoT. By connecting data from all systems across the factory floor and factory locations, customers can gain valuable insights to enable real-time decision making and facilitate predictive maintenance.

Value Props

Enable real-time decision making by leveraging IIoT enabled smart sensors synced with edge technology and alert systems which notify end users of issues as they occur

Monitor remotely with holistic view reporting dashboards that can be accessed from anywhere with a wi-fi connection

Facilitate predictive maintenance with models that allow end-users to repair equipment before it breaks down, minimizing machine downtime



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Xeon® D processors
- Intel® Pentium®
- Intel® Atom® Processors

Vertical:

Manufacturing

Use Cases:

Asset & Operations Optimization

Geo Availability:

Asia, Pacific, and Japan, Americas, Europe, Middle East, and Africa, People's Republic of China

Sales Contact:

Ben Kovis - ben.kovis@insight.com

Learn More:

- IT Solutions | Business IT Solutions | IT Solutions Company | Insight

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IntraEdge TECHNOLOGY | PEOPLE ARE THE PLATFORM

pyramid building IT

IntraEdge and Pyramid Janus

Solution Overview

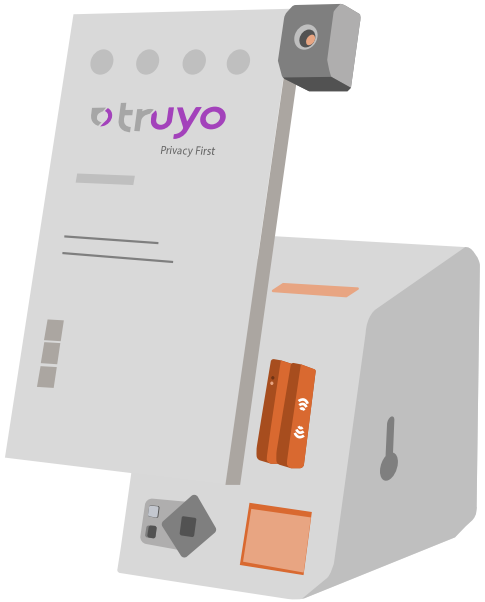
Janus is an enterprise-level contactless, self-check temperature kiosk that puts privacy first. Powered by an Intel® i5 processor, Janus can quickly scan and provide accurate temperature results within seconds. With privacy as a priority, Janus is also powered by Truyo's Privacy Rights Platform to ensure the privacy of all user data and offers users the ability to access their data with transparency.

Value Props

Leverage a turn-key market ready solution that supports the health and privacy of personnel

Integrate seamlessly with HR systems using an intuitive UI for rapid check-in and speedy entry for employees and customers

Customize installation for any location with ease while meeting ADA requirements



Intel Components

- Intel® Core™ i5 6500TE processors
- Intel® HD-Graphics530

Target Vertical: Retail
Secondary Verticals: Banking/Financial Services; Education; Energy; Gaming & Entertainment; Health & Life Sciences; Hospitality; Manufacturing; Government; Transportation

Target Use Case: Human Wellness Monitoring
Secondary Use Case: Interactive Media

Geo Availability
North America

Learn More
- IntraEdge Website

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IntraEdge
PEOPLE ARE THE PLATFORM

IntraEdge Truyo

Solution Overview

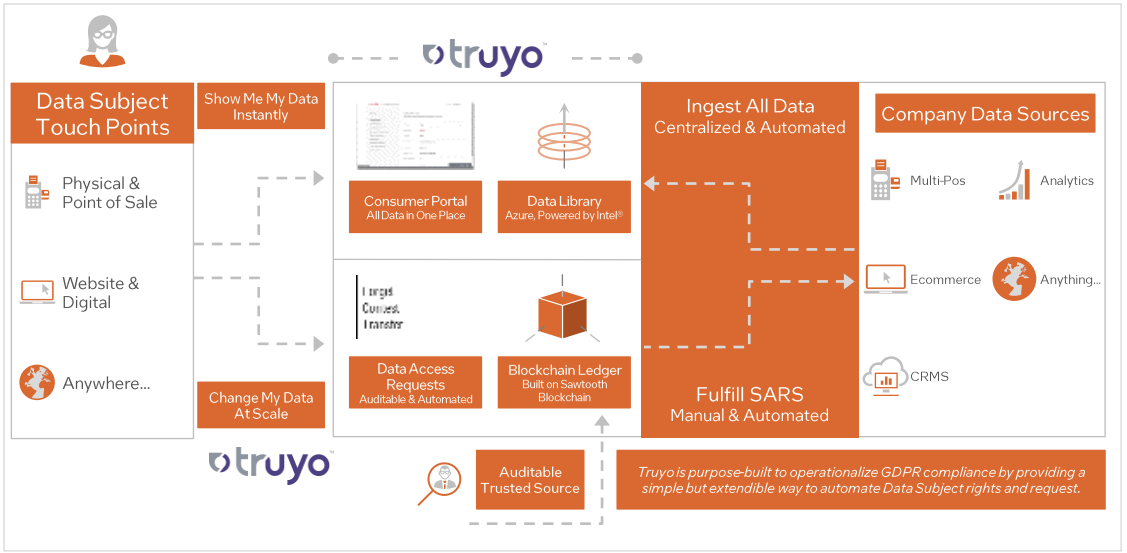
A custom built, scalable enterprise solution created to meet and simplify management of the Subject Access Request requirements for GDPR compliance

Value Props

Drive transparency quickly with secure data collection and customizable portals for data access and management

Streamline data management by connecting disparate systems to simplify access and using flexible automation to reduce overhead

Enhance enterprise value with actionable insights using comprehensive data pulled from newly centralized systems



Intel Components

- Intel®-based intelligent gateways, sensors, and software
- Intel® SGX

Target Vertical: Retail

Secondary Verticals: Hospitality, Health & Wellness Monitoring

Target Use Case: Asset & Operations Optimization

Geo Availability
Currently available in EMEA and the US. Opportunities in additional regions will be considered

Learn More
- Truyo Website
- Intel Solutions Marketplace

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Innodep VURIX

Solution Overview

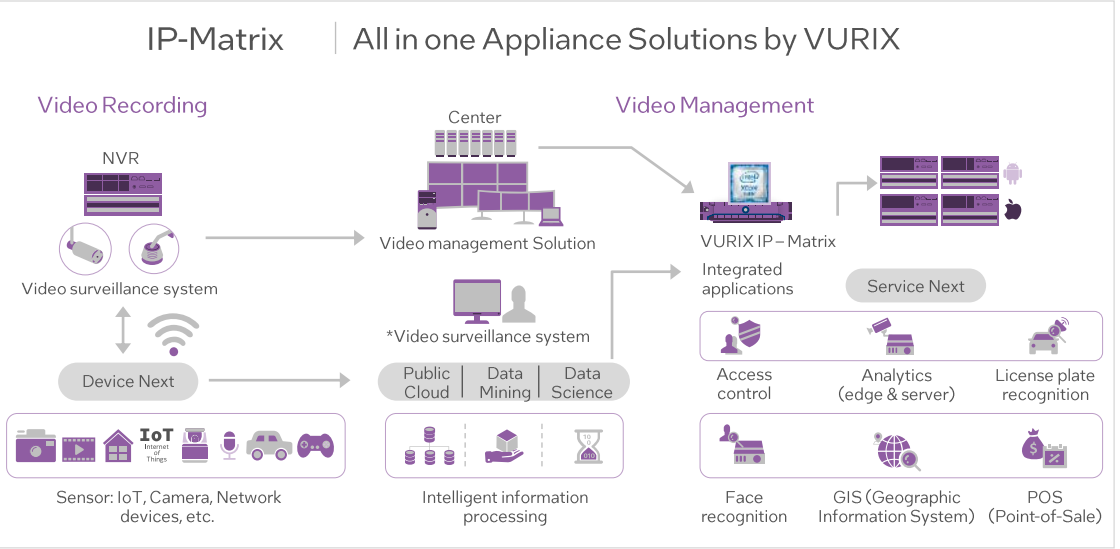
Innodep's VURIX Video Surveillance Solution is a highly scalable, all-in-one surveillance solution that monitors, records, and manages data in a single system, helping build smarter cities and improve public safety.

Value Props

Increase public safety with multi-channel, real-time monitoring

Scale quickly and reliably with an open platform

Reduce costs and utilize your existing assets with a solution compatible with IoT devices and 3rd party applications



Intel Components

- Intel® Xeon®
- Intel® Core™ i5 and i7
- Network Video Recorder Device
- VMS Software
- IP Matrix device
- SSD

Target Vertical:
Government

Secondary Verticals:
Retail, Banking/Financial Services, Hospitality, Education, Health & Life Sciences,

Target Use Case:
Situational Monitoring

Geo Availability
APJ, Korea, Africa, Europe

Learn More

- Learn more about Innodep solutions on the Innodep website.
- Learn more about Innodep's VURIX solution here.
- An in-person training course is available. For more details, click here.

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invenda
intelligent vending solutions

Invenda Interactive Vending and Advertising Platform for Retail and Hospitality

Solution Overview

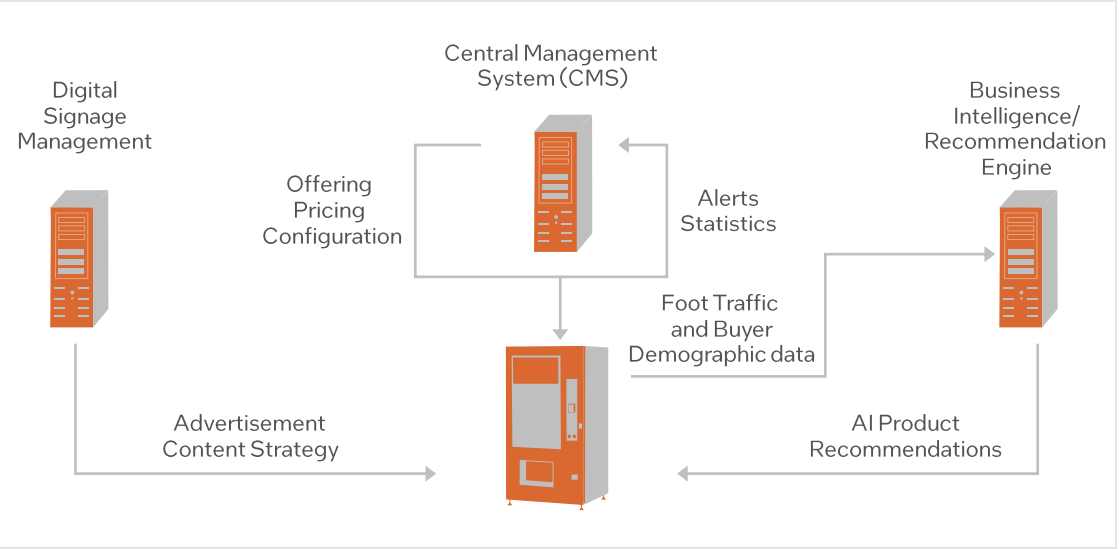
Invenda transforms traditional vending machines into smart devices, taking full advantage of IoT technologies and Intel processing power. Invenda combines eye-popping digital signage and interactive product displays with smart sensors for remote management while integrating AI for new insights.

Value Props

Increase sales and engagement with eye-catching vending solutions that draws customers with custom tailored offerings

Reduce management and inventory costs through Smart IoT devices with up to 150 sensors ensuring optimum performance

Extend vending technology into a variety of new verticals and open cross-channel opportunities with online, on-demand mobile technology



Intel Components

Intel® Celeron

Target Vertical: Retail

Secondary Verticals: Education, Government, Health & Life Sciences, Hospitality, Transportation

Target Use Case: Control Optimization & Autonomy

Secondary Use Cases: Asset & Operations Optimization, Energy Monitoring & Management, Environment Monitoring, Interactive Media, Logistics & Tracking, Machine Condition Monitoring, Product Inspection, Situational Monitoring

Geo Availability

Available in Germany, UK, Europe

Learn More

Invenda Website

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iOmniscient Pty Ltd IQ Roads

Solution Overview

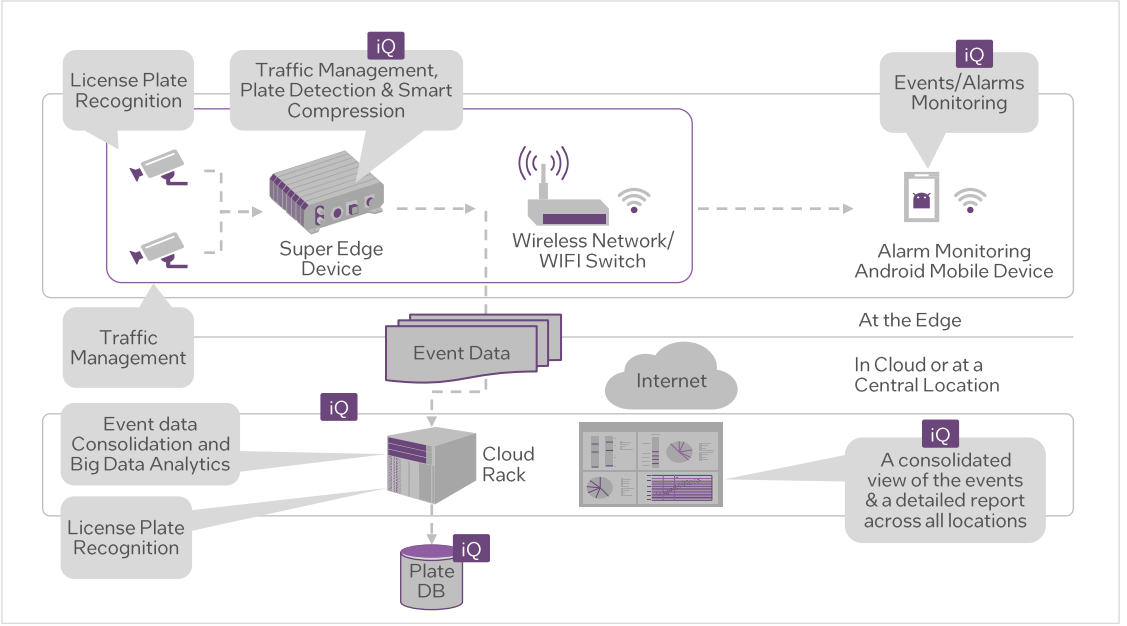
This solution is a comprehensive AI-based intelligent traffic management system. The solution works through virtually any camera to capture and analyze live video feeds for fast responses to emergency situations. Data analysis at the Edge supports traffic personnel action that may increase the likelihood of positive outcomes.

Value Props

Increase road safety with traffic monitoring and incident detection

Streamline monitoring processes by viewing events remotely and centrally and accessing archived reporting and historic event data

Increase insight into road conditions with advanced camera diagnostics and data analysis in multiple dimensions



Intel Components

- Intel® Distribution of OpenVINO toolkit™
- Intel® Xeon® Processors
- Intel® Core™ i5 and i7 Processors

Target Vertical:
Transportation

Secondary Vertical:
Government

Target Use Case:
Situational Monitoring

Secondary Use Case:
Asset & Control Optimization

Geo Availability
Worldwide

Learn More

- IQ Roads Features
- IQ Roads Speeding Demo
- IQ Roads Red Light Violation and LPR Demo
- iOmniscient Website

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Intelligent Security Systems – SecurOS FACEx

Solution Overview

An intelligent image analytics module for the SecurOS video management platform, which provides capture and recognition of faces from a video stream. A class leading solution with active recognition, where the solution can be configured so subjects know their image is being captured or not

Value Props

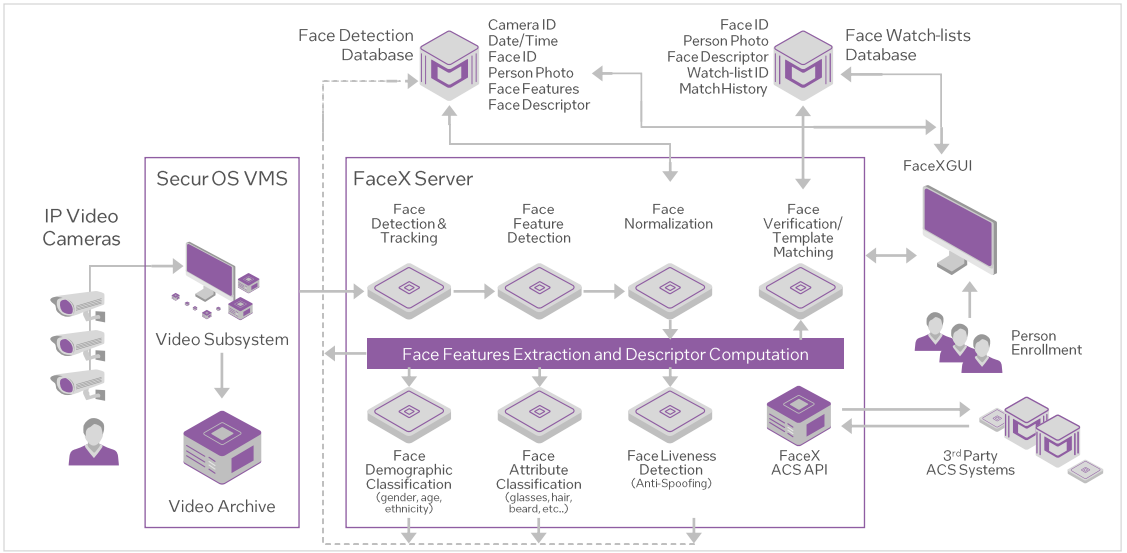
Automatically detect and recognize faces with a powerful recognition engine

Collect information on detected faces with a databased that stores recognition data

Easily manage video data with a graphical user interface

Intel Components

- Intel® NUC
- Intel® Xeon® Processors
- Intel® Solid State Drivers (SSD)
- Intel® Ethernet Server Adapter 1350
- Intel® Distribution of the OpenVINO™ Toolkit



Target Vertical:
Government

Secondary Verticals:
Transportation

Target Use Case:
Situational Monitoring

Secondary Use Case:
Asset & Operations Optimization. Product Inspection

Geo Availability
NAR, LAR, APAC, EMEA, and ROW (Not available in China or India)

Learn More
- ISS Homepage

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Power Efficiency & Electrical Safety Management Solution

Solution Overview

The InSynerger Power Efficiency & Electrical Safety Management solution is an energy management platform that provides data analysis and 24/7 equipment and energy monitoring to help reduce costs, improve efficiency, increase utilization productivity, provide abnormal utilization alerts, and implement safer energy consumption practices.

Value Props

Provide easy energy management by remotely tracking and managing the power usage, quality, and stability

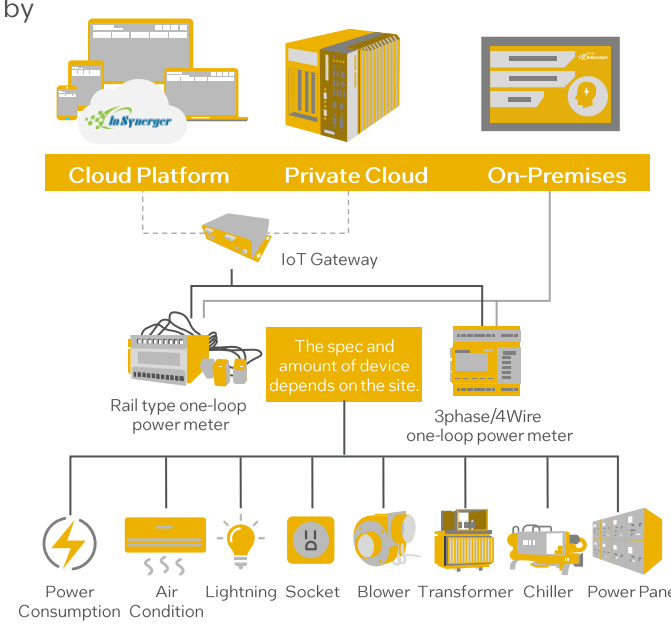
Enable high scalability by easily expanding to multiple applications in one platform (e.g. water management, light management, AC management, etc.)

Offer effective power savings by uncovering key factors that contribute to energy waste, helping save up to 10% on annual electricity charges

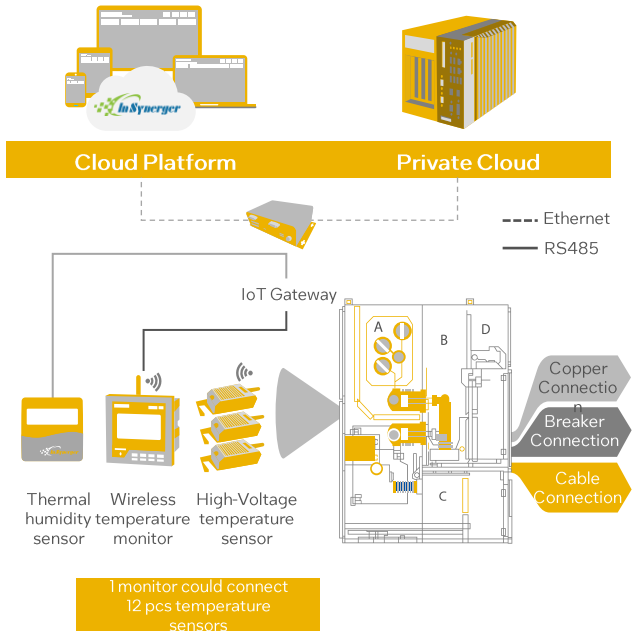
Intel Components

- Intel® Core™ i7 Processors
- Intel® Celeron® Processors
- Intel® Xeon® Processors

Implementation 1: Energy power monitoring



Implementation 2: Electricity power safety



Target Vertical:
Energy

Secondary Verticals:
Education

Target Use Case:
Energy Monitoring & Management

Geo Availability
Taiwan, Vietnam, and Thailand

Learn More

- InSynerger Website
- Contact InSynerger
- PowerManagement
- WPI IoT Solution Aggregator

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iProd MOP Manufacturing Optimisation Platform

Solution Overview

The iProd MOP solution allows companies to boost the productivity and quality of their business with a disruptive pay-as-you-go business model and free cloud version. As a cutting-edge industrial cloud platform, data from the edge is stored and managed to help manufacturers optimize operations.

Value Props

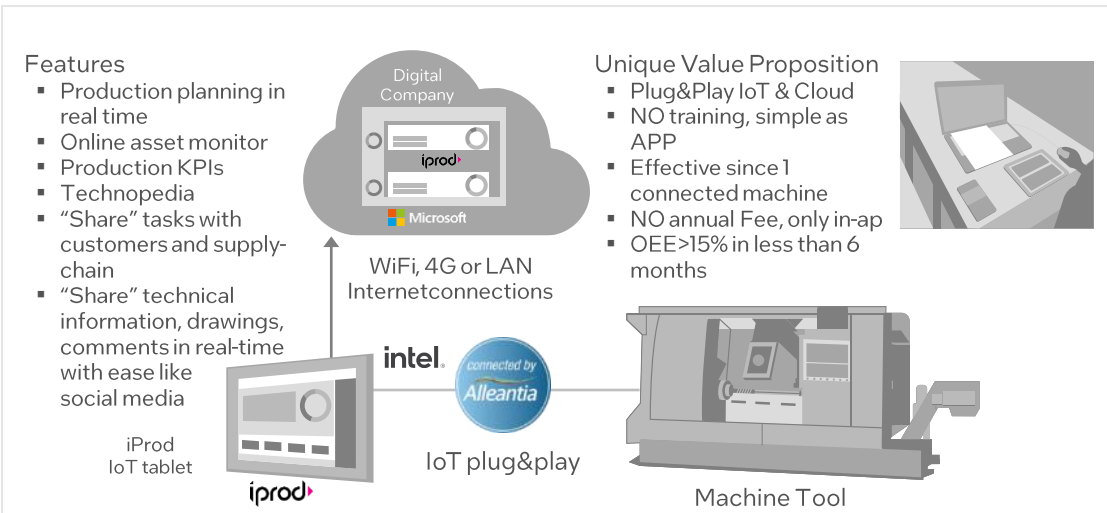
Enhance operational efficiency with actionable insights from edge devices to support manufacturing decisions extended to the entire supply-chain

Drive ROI with IoT monitoring and management from the cloud to increase efficiency along the investment life-cycle

Deploy systems easily with plug and play IoT and cloud capabilities to enable remote production and device control

Intel Components

- Intel® Atom® Processors



Target Vertical: Manufacturing

Secondary Verticals: Banking/Financial Services (flexible leasing rate according to the effective asset utilization)

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Asset Condition Monitoring, Machine Customer

Third Use Case: HR Tracking

Geo Availability

Available in Italy, Canada, United States, Germany, France, Switzerland, Austria, United Kingdom

Learn More

iProd website

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ISSD Electronics SPECTO™ Incident Detection System

Solution Overview

The ISSD Electronics SPECTO™ Incident Detection System is a vision based, automatic incident detection system that reduces emergency response times by informing operators of potential dangers in tunnels and on highways. Footage captured via CCTV is translated through ISSD technology to improve traffic security and public safety.

Value Props

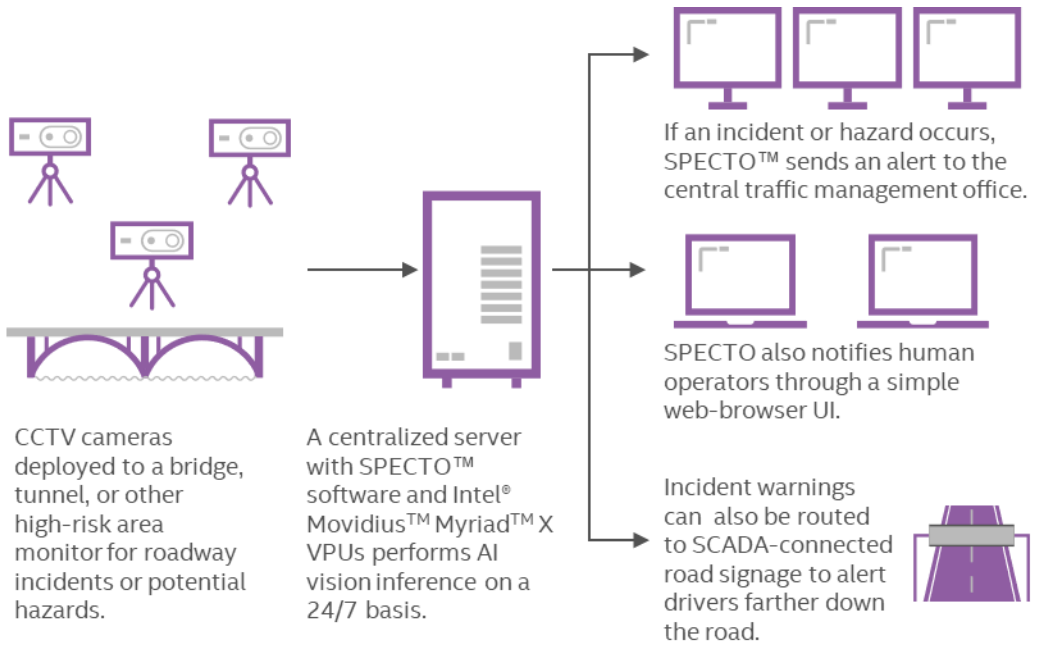
Accelerate emergency response with visual processing units for quick and dependable detection of incidents

Deploy a cost-effective and sustainable solution with flexibility and scalability

Leverage reliable surveillance with trained SPECTO™ CNN algorithms on ISSD collected datasets to track environments of interest for consistent performance

Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Movidius™ Myriad™ VPUs
- Intel® Xeon® Processors



1. "SPECTO™ Automated Tunnel Incident Detection System", ISSD Website, 2020

Target Vertical:
Government

Secondary Vertical:
Transportation

Target Use Case:
Control Optimization & Autonomy

Secondary Use Case:
Environment Monitoring

Geo Availability
USA, Middle East, North Africa, and Europe

Learn More
- ISSD Website
- ISSD Specto Automated Tunnel Incident Detection System

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JelloX Biotech Inc. MetaLite® Digital Pathology Edge Solution

Solution Overview

Medical imaging analysis and diagnostics is rapidly changing with the advent of new technologies. As such, practitioners and researchers are looking for solutions that provide the most accurate and reliable data. To meet this demand and ensure professionals have the best medical imaging tools at their disposal, JelloX Biotech Inc. has developed MetaLite®, a Picture Archiving and Communications System (PACS), that can be integrated with many Radiology Information Systems (RIS) or Hospital Information Systems (HIS), to provide practitioners with a scalable, user-friendly, AI-enabled imaging and digital pathology platform. Equipped with high-quality scanners and servers, along with the Intel NUC to connect to additional devices, the solution provides actionable insights, and the AI interface allows for customization through the AI-auxiliary annotation function and other programmable protocols.

Value Props

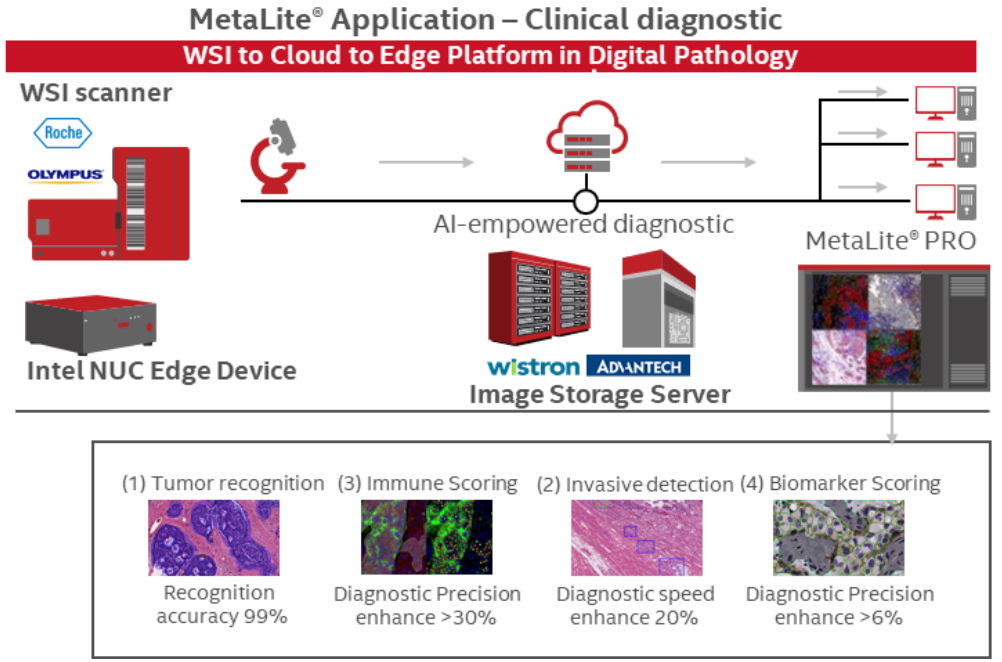
Deploy an affordable low TCO solution that operates without a GPU, and is easily scalable with edge hardware, eliminating many barriers to entry

Enhance patient care and research quality with a system that provides real-time data to help analyze patient conditions, and equip practitioners with the tools necessary to develop timely and preventative insights

Empower pathologists, practitioners, and researchers with tools that minimize guesswork, streamline results, and give experts time back to pursue other tasks such as research or patient care

Kit Components

- Intel® Core™ i5 Processors
- Intel® NUC
- Intel® Xeon® Processors



Target Vertical:
Health & Life Sciences

Secondary Vertical:
Education

Target Use Case:
Human Wellness Monitoring

Geo Availability
APJ

Learn More
- MataLite® brief Introduction – YouTube
- HOME | MetaLite® Subscribe

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Jovision Technology Smart Community Solution

Solution Overview

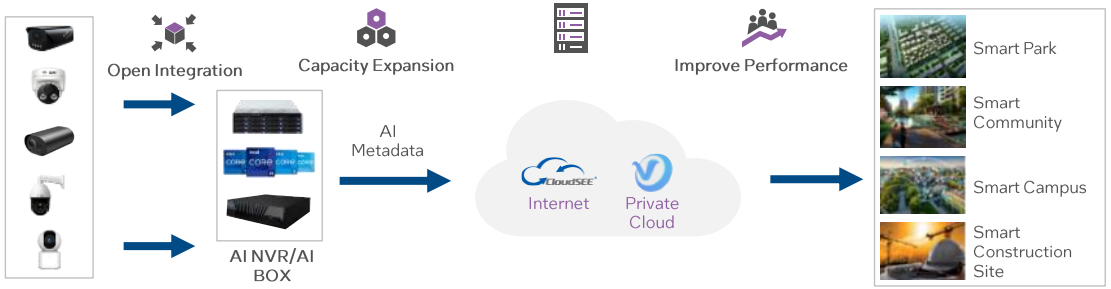
The Jovision Smart Community solution provides efficient, accurate monitoring and management for properties and cities that help increase overall safety and enable seamless experiences via connected devices. The Smart Community solution analyzes and records behaviors, vehicles, events, and the overall environment to better organize and manage a given area.

Value Props

Simplify operations with new connected devices empowered by one platform that empower a variety of capabilities, such as temperature/environment sensors, cameras, automated access, etc.

Create economic opportunities by optimizing security and overall property management systems to reduce costs and enable more energy efficiency

Help increase overall security for citizens, residents, and/or visitors by providing preventative surveillance, potential incident detection, secure access points, and more



Intel Components

- Intel® Celeron® Processors
- Intel® Core™ Processors
- Intel® Core™ i3 Processors
- Intel® Xeon® Processors
- Intel® Iris® Xe graphics
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Government, AI/SI Companies

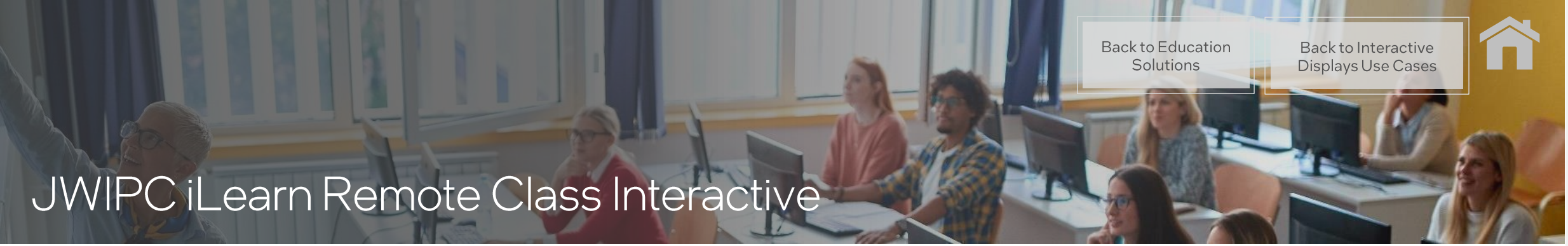
Secondary Vertical:
Retail, Smart Community Technology

Target Use Case:
Situational Monitoring

Geo Availability
Asia, Pacific, and Japan, Americas, Europe, Middle East and Africa, People's Republic of China

Learn More
Jovision Website

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JWIPC iLearn Remote Class Interactive

Solution Overview

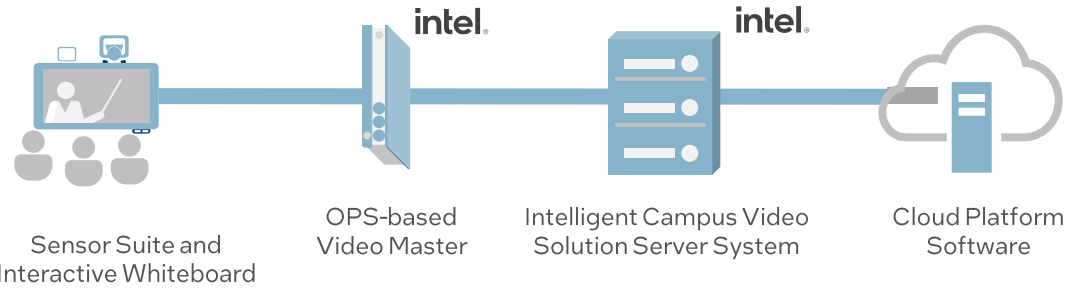
The JWIPC iLearn Interactive Remote Class Solution, powered by Intel, meets the demand for high quality, online education with an efficient, flexible, and reliable interactive video solution

Value Props

Enhance classroom experiences with interactive learning environments that improve student outcomes

Expand learning opportunities by empowering learning any time, anywhere and reach more students

Ease administrative burden with simplified solution management that optimizes teaching time



Intel Components

- LG1151 slot Intel® Core™ processor
- Intelligent Campus Video Solution Server System
- Intel® Xeon® E3-E5-based edge server

Target Vertical: Education

Target Use Case: Interactive Media

Geo Availability
China, SE Asia, EMEA, APAC, and the Americas

Learn More

- JWIPC Website
- JWIPC iLearn Remote Class Interactive Solution Webpage

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Jian24 Smart Retail Solution

Solution Overview

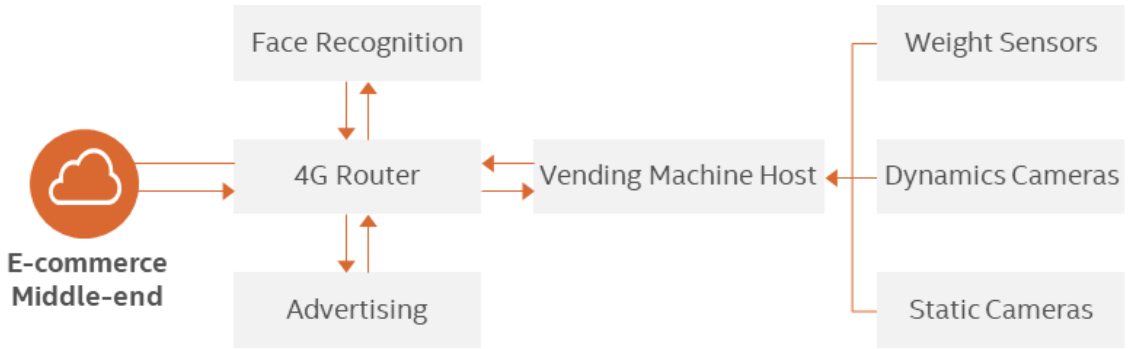
The Jian24 Smart Retail Solution is a GDPR compliant IoT smart inventory tracking, and checkout system enabled with "Open by Face" and "Take and Go" protocols. This solution is fully automated, self-training, and comes with a range of inventory management capabilities.

Value Props

Improve ground operations by using an innovative collaboration suite that improves efficiency, mitigates errors, and help create better travel experiences

Maintain constant situational awareness through an airport monitoring solution that helps manage cybersecurity along with traveler and employee safety

Increases aircraft turnaround efficiency by synchronizing databases and live data from the edge through a rapid protocol management system



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ i7 Processors
- Intel® Iris® Graphics

Target Vertical:
Retail

Secondary Verticals:
Health & Life Sciences; Manufacturing; Industrial

Target Use Case:
Asset & Operations Optimization

Secondary Use Case:
Logistics & Tracking; Product Inspection; Situational Monitoring

Geo Availability
Peoples Republic of China, Japan

Learn More
- Jian24 Website
- Jian24 CEO Tells The Company's Story
- Jian24 Deployment in China

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LACHESIS Mhealth 5G Smart Ward Solution

Solution Overview

LACHESIS Mhealth 5G Smart Ward Total Solution, is a Clinical Management Information System (CMIS) that combines 5G, IoT, AI, smart terminals, and information management to provide hospitals with an end-to-cloud suite of mechanical and digital tools to manage a patient's journey from treatment to discharge.

Value Props

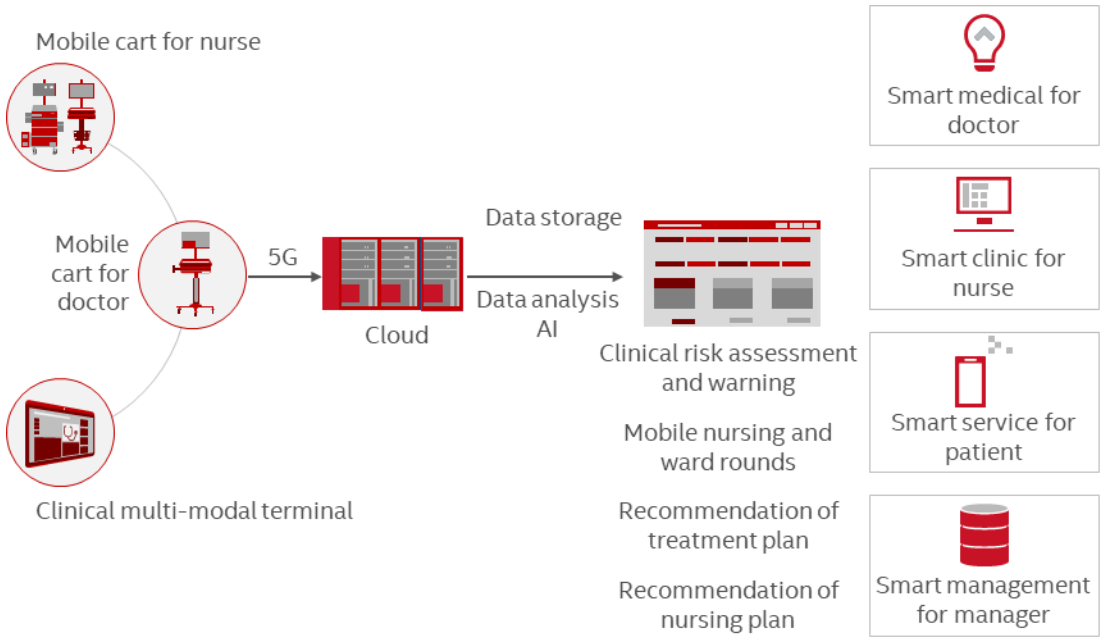
Enhance patient care with a system that uses real-time data to monitor an individual's condition, predict changes, and issue early warnings

Optimize staff efficiency through remote and unmanned solutions that synchronize pipelines, reduce workloads, and minimize medical risks

Strengthen medical safety protocols with a range of hardware capable of managing pharmaceutical dispensation, medical supplies, and remote consultations

Intel Components

- Intel® Core™ i7 Processors
- Intel® Core™ i5 Processors



Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness & Monitoring

Geo Availability
People's Republic of China

Learn More
- Smart Ward Solution
- Smart Ward Interaction Platforms

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LG-MRI BoldVu® Kiosks

Solution Overview

A turnkey outdoor digital signage solutions engineered to provide unparalleled visual performance and longevity in public spaces.

Value Props

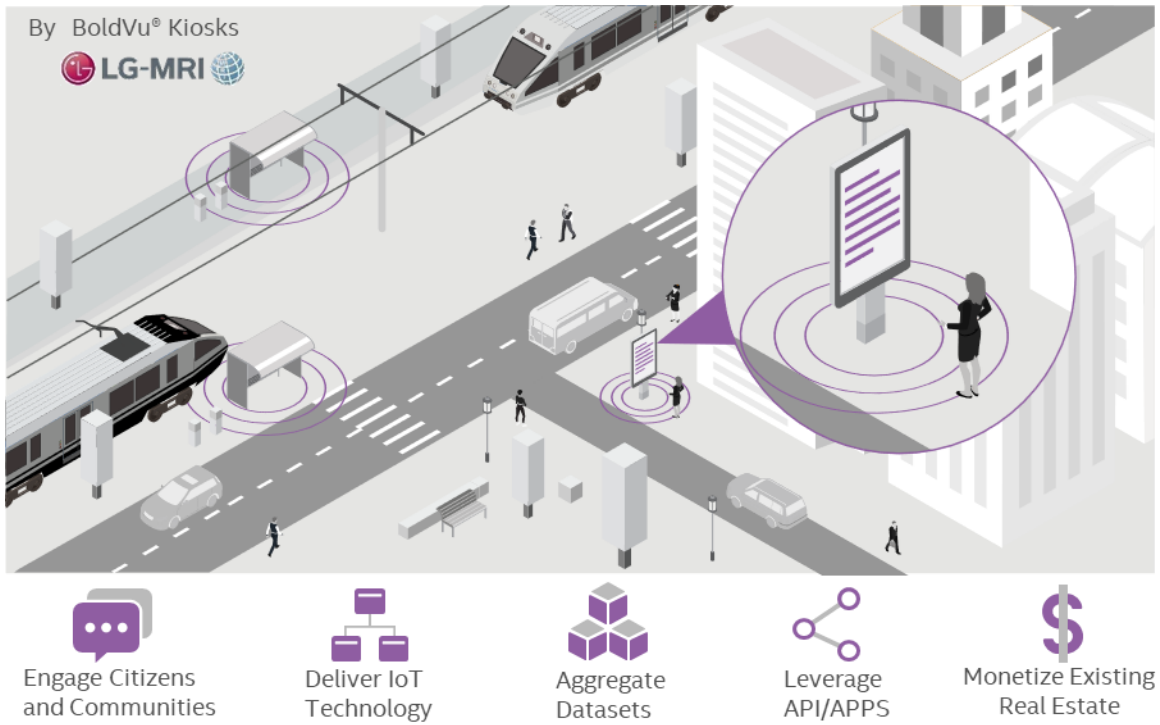
Deliver unsurpassed visual performance with 3500 nits luminance, high contrast, and full color gamut on each screen

Reduce total cost of ownership by efficiently deploying a turnkey solution with a 10-year life-cycle and near-zero maintenance

Customize solution capabilities with a modular platform that easily integrates a myriad of hardware components

Intel Components

- Intel® Core™ vPro™- enabled Intel® NUC Boards



Target Vertical:
Government

Secondary Vertical:
Mixed Use Retail, Outdoor Media

Target Use Case:
Interactive Media

Secondary Use Case:
Advertising, Wayfinding

Geo Availability
North America, South America, Europe, Middle East, Africa, and Asia

Learn More
LG-MRI Website

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M3T Retail Kiosk

Solution Overview

A retail kiosk solution designed to enhance the customer experience by providing an in-store terminal to assist in locating items, checking inventory status, purchasing, pick-up/shipping, and completing the transaction.

Value Props

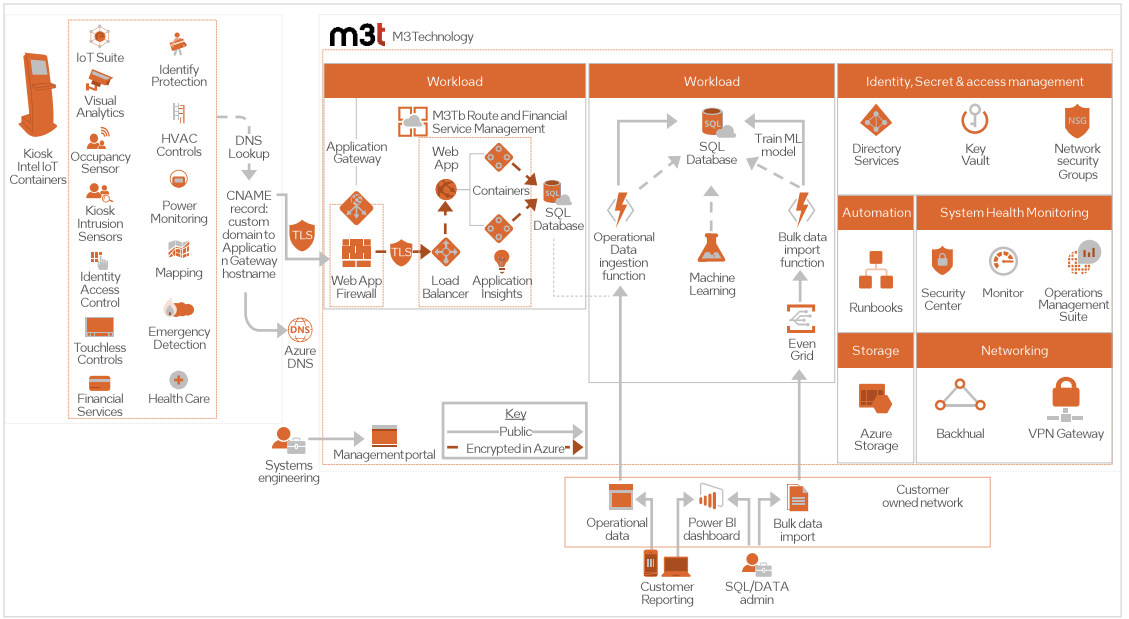
Enhance end user experience with simplified navigation screens and layout

Increase efficiency through advanced cash access processing

Drive revenue through easy-to-access credit card transactions

Intel Components

Intel® Core™ i5



Target Vertical: Retail

Secondary Verticals: Banking/Financial Services, Hospitality

Target Use Case: Interactive Media

Secondary Use Case: Logistics & Tracking

Geo Availability

Available in USA

Learn More

- M3t Website
- M3t Financial Services Website

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Mashgin Touchless Checkout System

Solution Overview

The Mashgin Touchless Checkout System is a self-checkout solution designed to instantly identify products and swiftly complete transactions – speeding up checkout times by as much as 400%. Equipped with a camera array, this system uses computer vision to ring up items rather than barcodes, allowing it to ring multiple items at once without any effort from customers. Shoppers simply place their items on Mashgin's tray and can immediately pay. This dramatically increases customer thruput, reducing queues and generating more sales for retailers while providing customers with positive and efficient checkout experiences.

Value Props

Maximize sales volume with a system proven to increase sales by 20% - 300% through rapid identification technology that increases customer thruput[1]

Reprioritize labor and reduce overtime through a tool that can save 30 – 100 hours per week and provides staff the flexibility to focus on high-priority tasks

Create positive customer experiences by lowering average checkout times to 10-22 seconds and dramatically decreases lines



Kit Components

- Intel® Core™ i5 Processors

1. Internal statistic, Mashgin 2021

Target Vertical:
Retail

Secondary Vertical:
Hospitality

Target Use Case:
Product Inspection, Asset Operations and Optimization, Self-Checkout, Autonomous Checkout

Geo Availability
United States, United Kingdom, Canada, Sweden

Learn More
- Mashgin Demo – Product Video
- Mashgin | Simple. Easy. Checkout.

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Matrox Imaging Manufacturing Machine Vision Solution

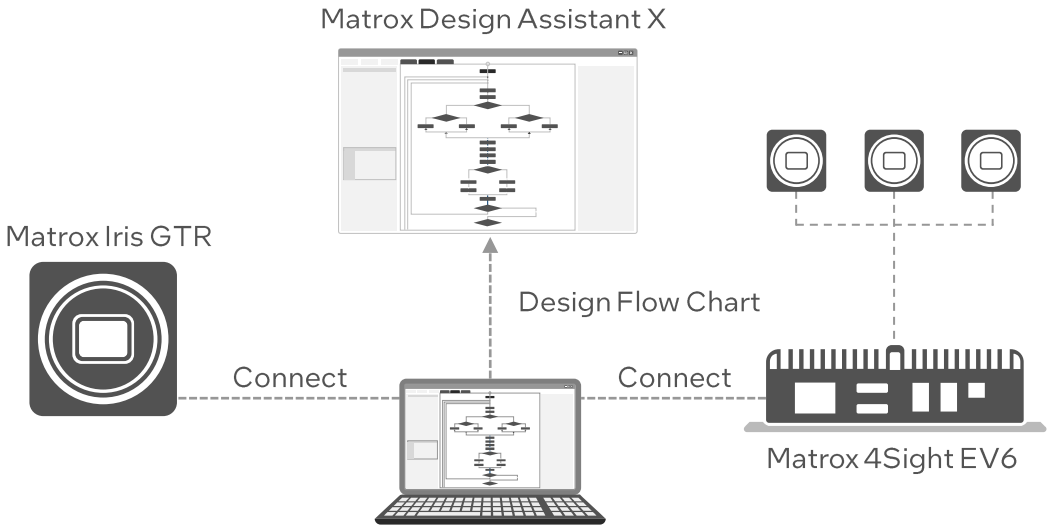
Solution Overview

Allow users to intelligently inspect products as they go through the manufacturing process. Easily configure and deploy the system with compact and capable hardware like a smart camera and vision controller and leverage easy-to-use imaging software.

Value Props

Configure manufacturing systems with a flexible system that can be quickly catered to requirements and deployed

Improve production quality and lower costs with a reliable solution that can gather information and communicate with existing equipment



Intel Components

- Intel® Celeron® Processors
- Intel® HD graphics 630
- Intel® Core™ i5

Target Vertical: Manufacturing

Secondary Vertical: Energy

Target Use Case: Product Inspection

Secondary Use Cases: Logistics & Tracking, Interactive Media, Situational Monitoring, Control Optimization & Autonomy

Geo Availability

Available globally

Learn More

- Matrox Imaging website

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Microvision 维视智造

Microvision Machine Vision Kit for Smart Manufacturing

Solution Overview

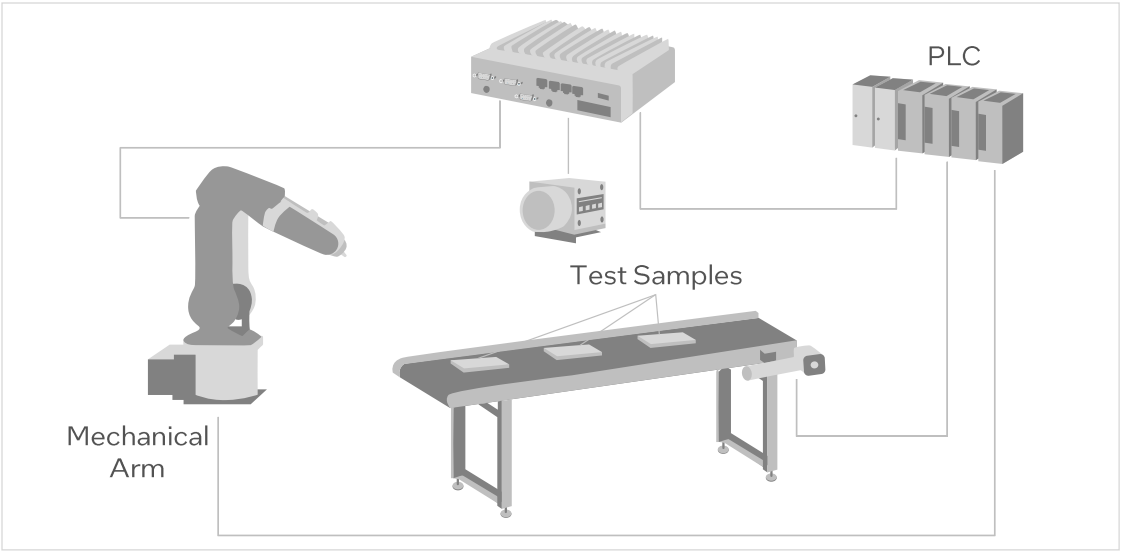
The Microvision Machine Vision Kit for Smart Manufacturing provides a customizable solution for end customers that automates product inspection across manufacturing use cases including visual inspection, optical measurement, visual equipment, visual localization, and visual identity.

Value Props

Increase production efficiency with an end-to-end machine vision solution that automates product inspection

Choose a proven solution with more than 1,000 customers and more than 3,000 application scenarios

Gain scalability with a solution that has all the software and hardware components required to address end customer problems regardless of size



Intel Components

- Intel® Core™ i7 Processor
- Intel® FPGA
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical: Manufacturing

Secondary Verticals: Education

Target Use Case: Product Inspection

Secondary Use Cases: Machine Condition Monitoring; Situational Monitoring

Geo Availability

Available in PRC

Learn More

Microvision website

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MIC's Sickbay™ Platform

Solution Overview

Sickbay is an FDA-cleared Clinical Platform enabling data driven medicine. The platform continuously captures time-series waveform data from any medical device as well as other system data and transforms that data into web-based clinical apps to enable virtual care and the development and deployment of real-time AI so care teams can make better, faster decisions.

Value Props

Improve patient care by enabling flexible, vendor neutral remote monitoring across all service lines

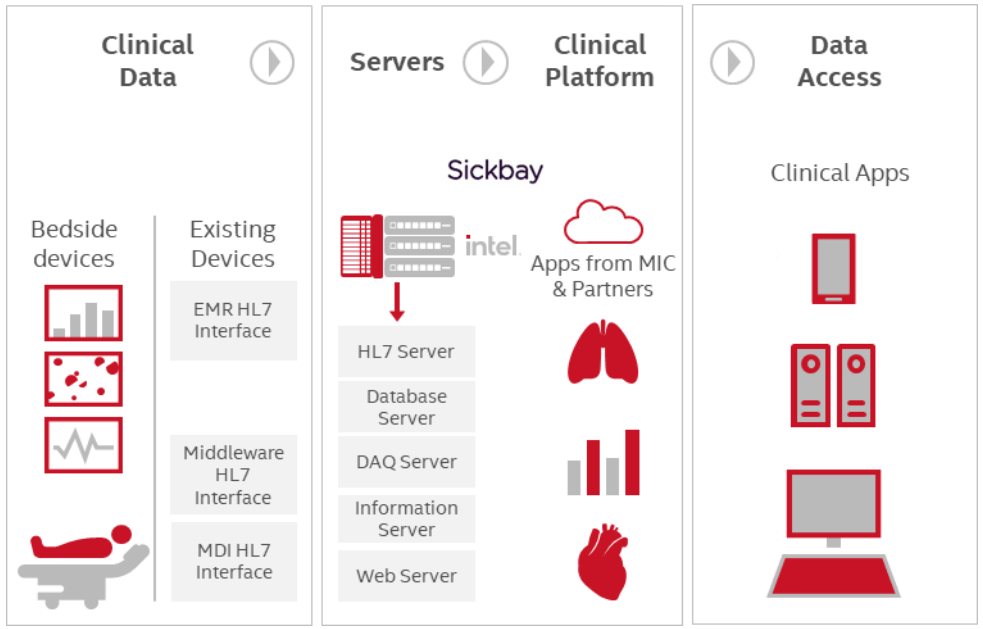
Increase operational efficiency by displaying real-time and unlimited historical, second by second, waveform data across devices in a single view

Streamline transitions of care through access to full resolution full disclosure data

Get ahead of deterioration and risk by developing and deploying real-time, patient centric AI back into clinical care

Intel Components

- Sick bay platform and web-based apps
- PowerEdge® FX and Rack Servers
- Intel® Xeon® Processors
- Solid State Drives
- BigDL



Target Vertical:
Health & Life Sciences

Target Use Case:
Human Wellness Monitoring

Geo Availability
United States

Learn More

- Houston Methodist vICU video
- Houston Methodist CIO, Ken Letkeman, discussing expanding virtual care into other service line
- Healthcare Data Matters webinar replays and video clips
- MIC home page
- UAB Medicine Video

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MITAC COMPUTING TECHNOLOGY CORP.

MiTAC Machine Vision in Factory Automation

Solution Overview

Today's manufacturing facilities are consistently adopting Industry 4.0 machines that can intelligently communicate with each other and perform complex tasks with a collective goal to help carry out safer, faster, and more reliable assembly processes. MiTAC's Machine Vision application integrates embedded computing systems and smart management systems together, utilizing existing cameras for product inspection. This consolidation of systems enable manufacturers to perform inspection processes with enhanced precision and speed. Additionally, the solution helps supervisors remain vigilant of quality control by collecting real-time visual data for analysis on a centralized user interface. The solution's AI Machine Vision software, INFINITY, offers immense flexibility and caters to a wide range of inspection use cases—such as barcode reading, color inspection, and label inspection.

Value Props

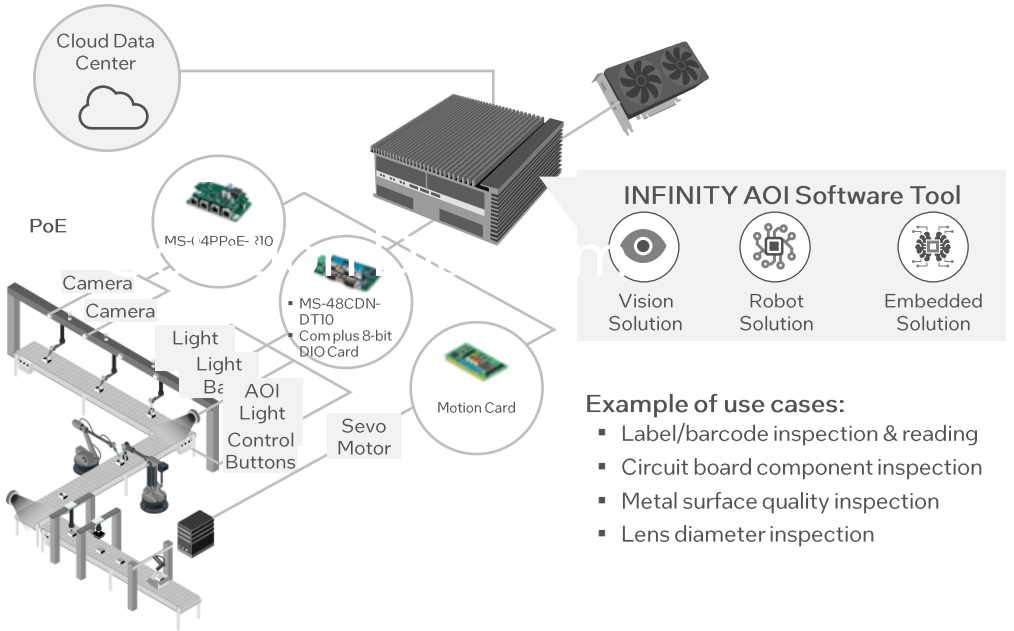
Reduce deployment expenses with a drag-and-drop software visual tool to simplify the deployment for each filed case you own; Plug-and-play hardware modular I/O to ease any connectivity trouble in different filed applications.

Increase production output with the integration of vison software algorithms that help manufacturers inspect products for specific characteristics automatically, and with a high level of accuracy

Help ensure a continuous flow of operations by collecting real-time visual data of assets for management and analysis to reduce excess material waste and energy usage with precise quality control in the assembly process

Intel Components

- Intel® Core™ i7 Processors
- Intel® Core™ i5 Processors
- Intel® Core™ i3 Processors
- Intel® Xeon® D Processor



Example of use cases:

- Label/barcode inspection & reading
- Circuit board component inspection
- Metal surface quality inspection
- Lens diameter inspection

Target Vertical:
Manufacturing

Secondary Verticals:
Retail, Transportation and Warehousing

Target Use Case:
Product Inspection

Additional Use Cases:
Control Optimization & Autonomy, Product Inspection

Geo Availability
APJ, Americas, Europe, Middle East, and Africa

Learn More

- MiTAC Factory Automation Homepage
- Machine Vision White Paper
- Machine Vision - YouTube Video

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MITIS HEALTH
CLINICIAL BY DESIGN

MITIS Health Lossless Remote Radiology & Pathology Home Reporting

Solution Overview

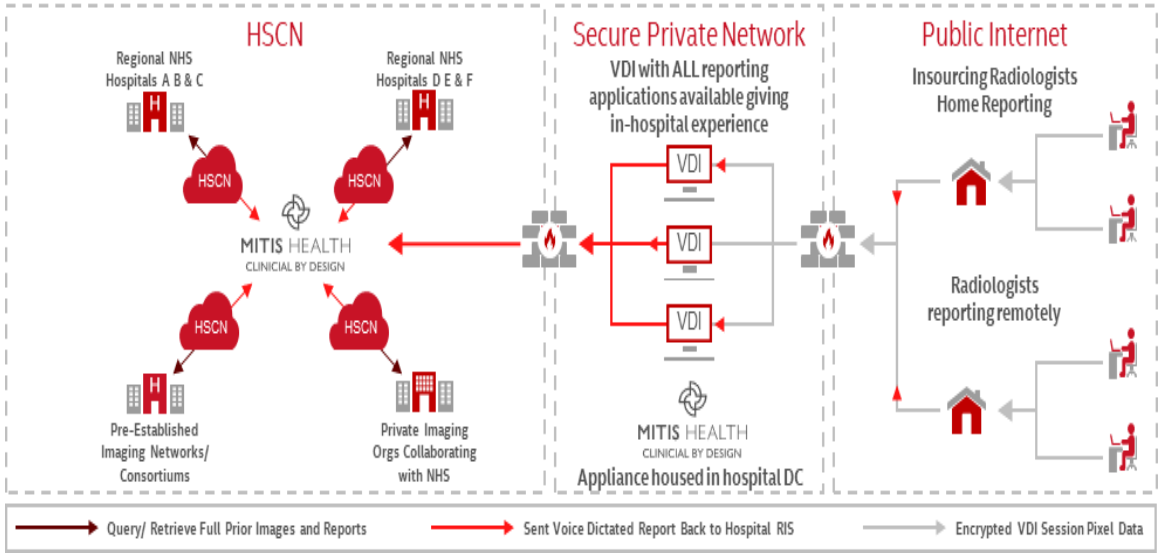
MITIS Health Lossless Remote Radiology and Pathology Home Reporting solution allows clinicians to remotely and securely access information about their patients from hospital without the need to move ANY patient data. The solution enables access of all current and previous scan and patient information from PACS/RIS servers to endpoints thousands of miles away, with zero degradation of image quality.

Value Props

Optimize information management with easy to access streaming of hospital desktops and all required applications including PACS/RIS without compromising quality, speed, or security

Improve work efficiency by 20-25%[1] achieved without the need to transfer medical data, such as large high-quality DICOM datasets which are streamed across vast distances

Improve patient experiences and provide better quality of care at a swifter pace by decreasing time needed for accurate imaging interpretation



Intel Components

- Intel® vPro® Platform
- Intel® Xeon® Processors
- Intel® Server GPU
- Intel® X550 Dual Port 10GbE Base-T Adapter
- Intel® NUC

1. Internal Assessment – MITIS Health

Target Vertical:
Health and Life Sciences

Secondary Vertical:
Energy

Target Use Case:
Human Wellness Monitoring

Geo Availability
Americas, Europe, Middle East, and Africa

Learn More
- MITIS Health Website
- What is the MITIS Health Solution?
- MITIS VDI – Clinical Virtual Desktops

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MIRASYS
DEEP VISION DATA COMPANY

Women Safety Solution

Solution Overview

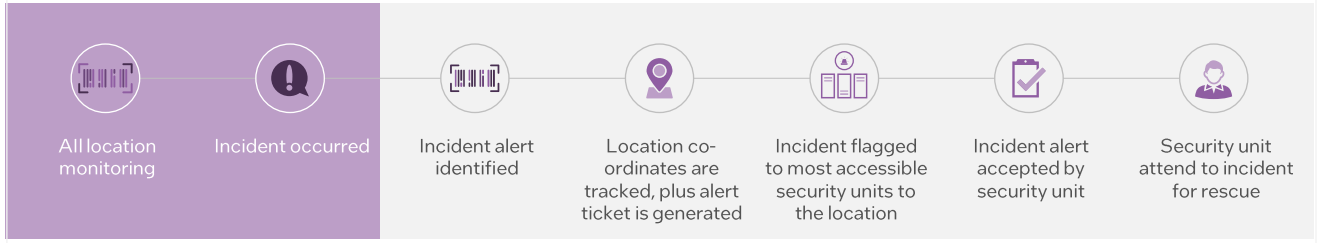
The Mirasys Women Safety Solution is an artificial intelligence-based video analytics solution that addresses crime-related incidents targeting women by enabling critical analyses of safety for women in public spaces, campuses, etc. The system uses advanced analytics of security footage that captures and classifies images based on gender to better understand how to protect women from incidents in public areas. The system can monitor women who are traveling alone or near a potential threat and/or weapon. Key features include intruder detection, people counting, panic alarms, audio monitoring, system thinking, and video analytics that serve to optimize security operations for businesses and organizations.

Value Props

Reduce crime-related incidents against women with 24/7 automated alerts for weapons, women traveling alone, and other vulnerabilities and threats.

Scale quickly and easily with fully-integrated solution that aligns with current camera systems

Provide Real-time Incident Reporting & Action through gesture recognition pre-incident identification, which trigger alerts to security teams thus reducing incident action response time and SOP management



Kit Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Core™ Processors
- Intel® Xeon® Silver Processors
- Intel® Xeon® Gold Processors
- Intel® Vision Accelerator Design With Intel® Movidius™ VPU

Target Vertical:
Government

Secondary Vertical:
Banking/Financial Services; Education; Energy; Health & Life Sciences; Hospitality; Manufacturing; Retail; Transportation, Public Safety

Target Use Case:
Situational Monitoring

Geo Availability
India; Brazil; Canada; Mexico; United States; Other Americas; Australia/New Zealand; Japan; South Korea; People's Republic of China; Taiwan; Germany; Israel; Middle East, North Africa and Turkey; Russia; Sub-Saharan Africa; United Kingdom

Learn More
- www.Mirasysindia.com

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MVISIA Desenvolvimentos Inovadores S.A
MVISIA WEG CVU

Solution Overview

The MVSIA WEG CVU solution provides an edge compute processing system designed for computer vision and artificial intelligence applications on industrial production lines. The solution enables real-time quality control, part measurement, counting, and other analysis options and is applicable to several manufacturing segments such as automobile, food, cosmetics, mining, etc.

Value Props

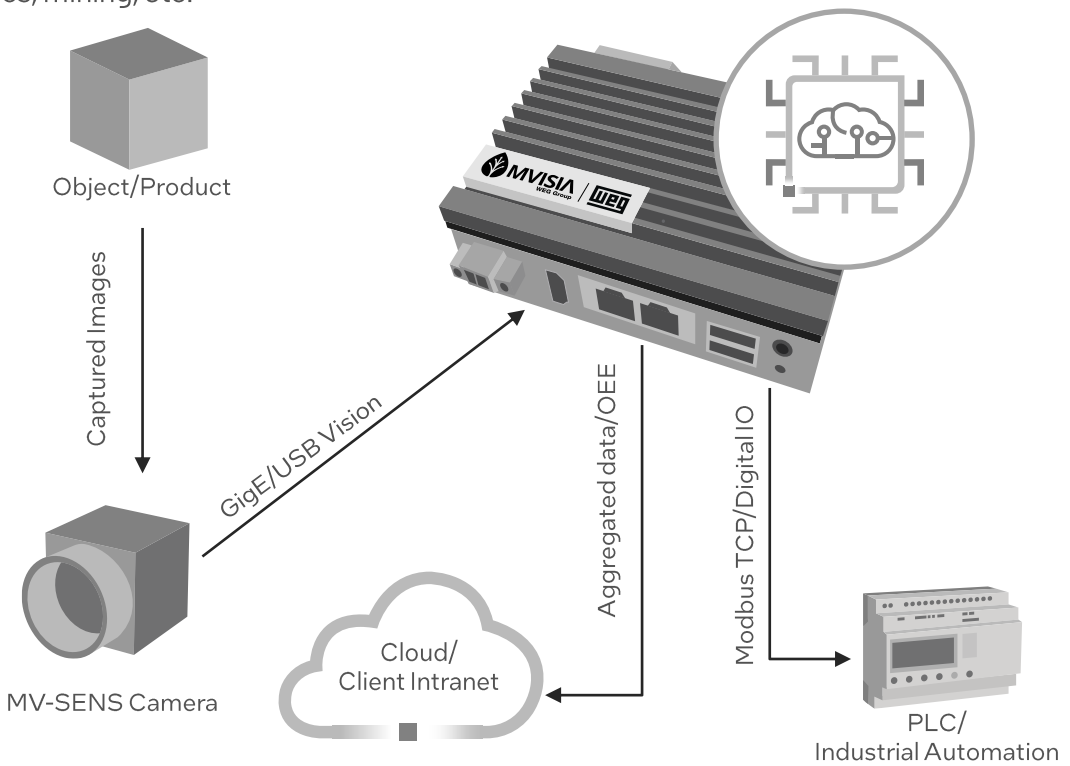
Increase efficiency and reliability in the production process with robust vision hardware optimized for industrial applications and built-in security features

Improve quality control with a top image processing solution that enables more precision for inspection and automation tasks with special SW and digital cameras

Support diverse deployments with a solution that flexible configuration to meet specific usage requirements and various industry scenarios

Intel Components

- Intel® Celeron® processors
- Intel® Atom® processors



Target Vertical:
Manufacturing

Secondary Vertical:
Agriculture

Target Use Case:
Product Inspection

Secondary Use Case:
Situational Monitoring

Geo Availability
Americas

Learn More
- Product Page
- Case Study

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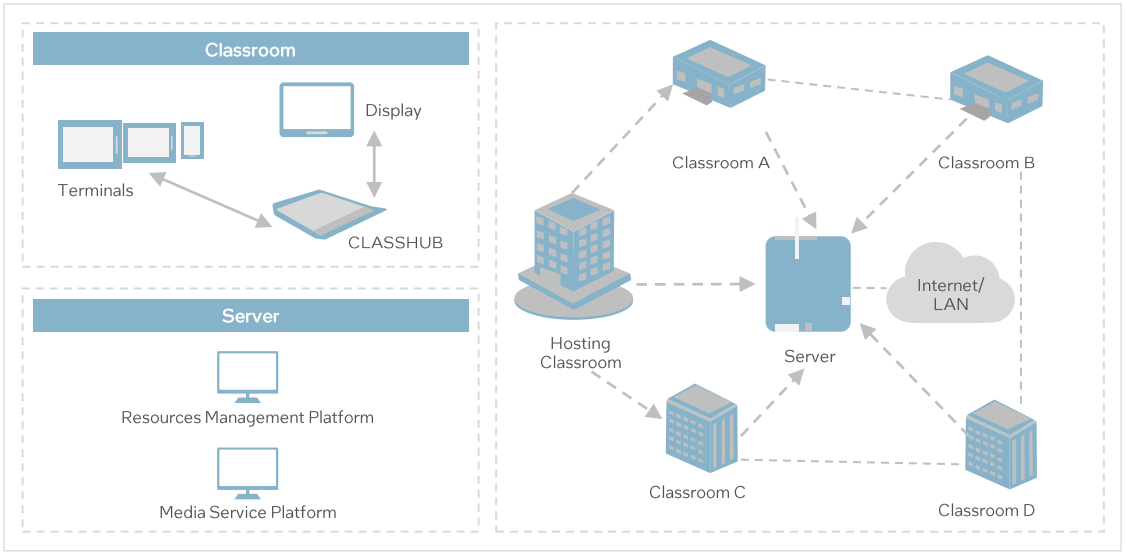
Nanjing Mythware Information Technology
Mythware Smart Classroom

Solution Overview

The solution makes Internet of Everything a reality by combining classroom management software and CLASSHUB, an all-in-one wireless presentation product, to support various applications in the smart classroom for connection, presentation, and collaboration purposes.

Value Props

- Enable smart classrooms by integrating intelligent hardware and software with existing classroom equipment
- Streamline classroom management with a media service platform that supports local and remote operations
- Enhance teaching effectiveness by generating insights from high quality local application data, remote statistics data, and more



Intel Components

- Intel® Celeron® processors
- Intel® Core™ i3 processors

Target Vertical: Education

Secondary Verticals: Government; Health & Life Sciences

Target Use Case: Interactive Media

Geo Availability
Russia, Sub-Saharan Africa, and People's Republic of China

Learn More

- Solution Webpage
- Nanjing Mythware Information Technology Website
- Contact Information

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NCR Emerald Retail Point of Sale Platform

Solution Overview

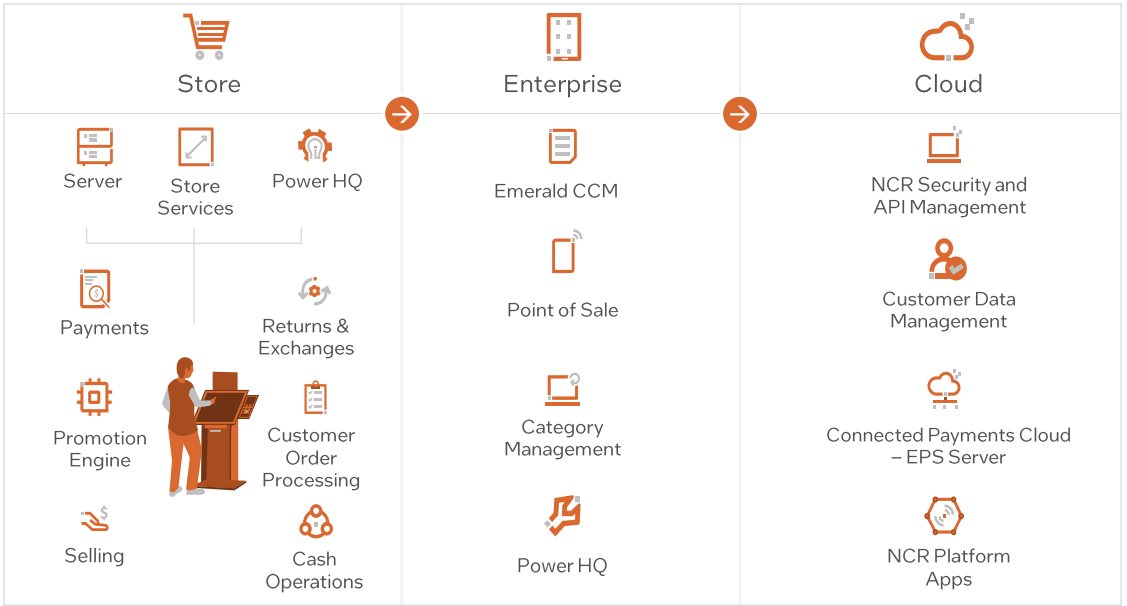
The NCR solution is an all-in-one POS system that allows users to centrally configure, manage, and control all edge points in real-time for a seamless customer experience and business efficiency. It provides central reporting and analytic capabilities to enable enterprise-wide views for better and faster decision-making that gives retailers a competitive edge.

Value Props

- Accelerate deployment with out-of-the-box integrations to enable retailers to leverage existing IT investments for fast and convenient NCR POS upgrades
- Enhance customer journeys with a cloud-enabled POS infrastructure that allows retailers to easily add new business services, like digital commerce and coupons
- Increase operational efficiency with a POS and enterprise system that includes secure payment gateways and inventory management for cost-savings

Intel Components

Intel® Core i3 and i5 processors



Target Vertical: Retail

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Interactive Media

Geo Availability

Available in the United States and Canada.

Learn More

- NCR Website
- NCR Emerald

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NCR FastLane SelfServ Checkout

Solution Overview

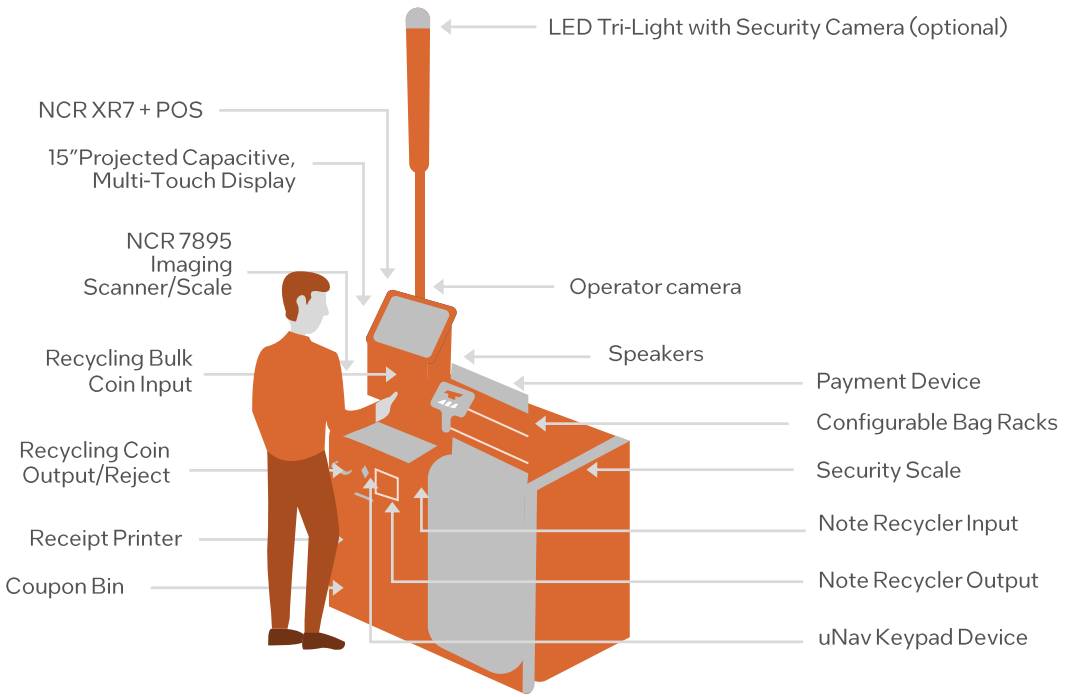
The NCR FastLane SelfServ Checkout solution enhances customer shopping experiences. Businesses can take advantage of new ways to scan, bag, and pay for items while helping improve front-end efficiencies. The solution helps self-checkout transactions become more accurate and simpler to navigate.

Value Props

- Enhance customer journeys with smart self-service technologies with familiar digital interfaces
- Improve operational efficiency with computer vision and weight-based algorithms to accurately identify products
- Increase ROI with convenient, interactive self-checkout units that reduce operational costs

Intel Components

- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® Celeron® processors



Target Vertical: Retail

Target Use Case: Other
Secondary Use Case: Interactive Media

Geo Availability
Available in Canada, Mexico, United States, Australia/New Zealand, Japan, South Korea, Taiwan, Germany, Israel, Middle East, North Africa and Turkey, Russia, Sub-Saharan Africa, United Kingdom, Other Americas

Learn More
- NCR website
- NCR FastLane SelfServ Checkout
- Greer's Market – Customer Case Study

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SHARP / NEC

NEC SDM Integrated ECO-System

Solution Overview

The SHARP NEC SDM Large Slot-in PC is configured for demanding digital signage applications in sheltered transportation and retail environments. The SDM Large Slot-in PC is also optimized for office applications, such as video conferencing, interactive whiteboards and can gather and manage data through multiple sensors, ports, networks and analytics suites.

Value Props

Connects a wide range of display and installed assets with an integrated multiport system designed to accommodate ethernet, USB, HDMI, MiniDP++, RFID, 1/8 auxiliary and coaxial connections

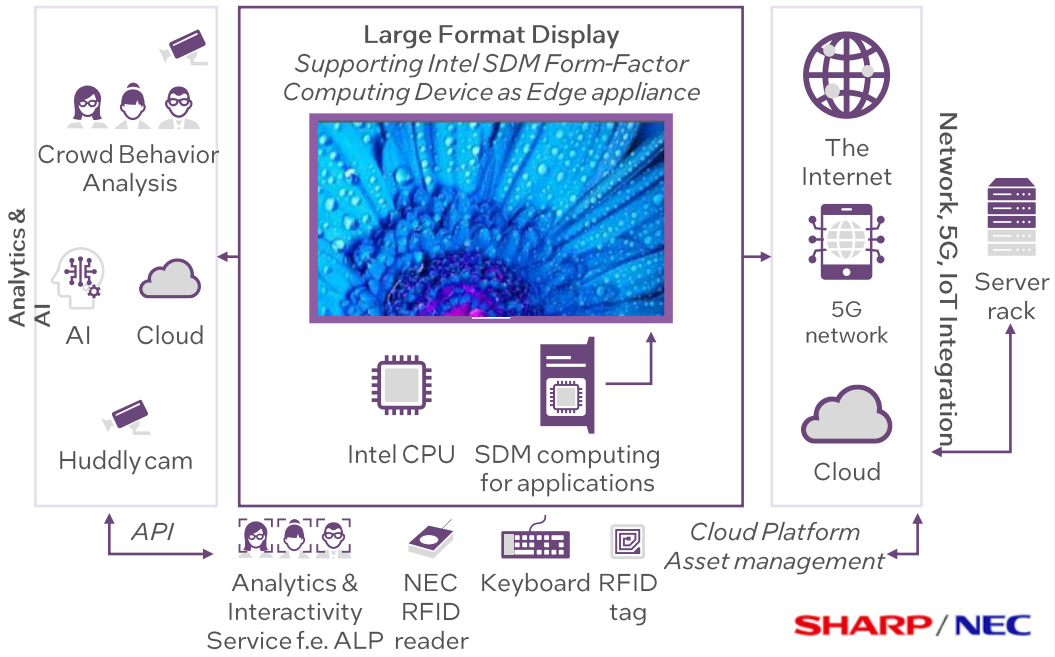
Enables seamless content delivery with a high-powered display solution ranging 4 – 32GB of RAM, 64 – 1024GB storage, and a dedicated graphics processor

Provides a diverse range of actionable insights and controls through a system designed to process and analyze large quantities of device and usage data

Kit Components

- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors
- Intel® Celeron® Processors
- Intel® UHD Graphics Controller

NEC Large Format Display SDM Integrated ECO-System



Target Vertical:
Government, Transportation

Secondary Vertical:
Retail, Signage, Corporate

Target Use Case:
Control Optimization & Autonomy, Embedded Computing within Signage applications

Secondary Use Cases:
Interactive Media, Asset & Operations Optimization

Geo Availability
Asia, Pacific, and Japan, Americas, Europe, Middle East and Africa, PRC

Learn More
- Digital Signage - Sharp NEC Display Solutions
- Meetings & Conferences - Sharp NEC Display Solutions

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Novarad Imaging Suite: Enterprise Imaging Management System, AR Surgical Guidance, and Image Sharing

Solution Overview

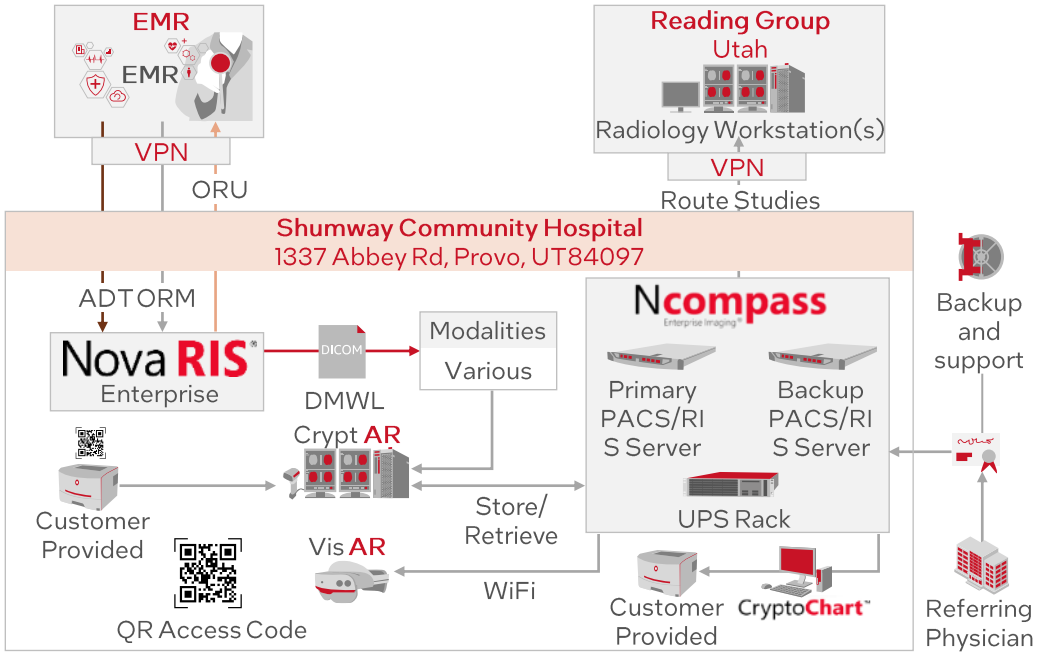
Using Intel-based medical imaging technology with AI and AR, Novarad Imaging Suite helps hospitals and imaging centers improve accuracy of diagnoses, manage patient health, and increase efficiency for diagnostic care and treatment.

Value Props

Increase patient safety. Improve accuracy of diagnoses by bringing together all images, including photos and videos, with Enterprise Imaging technology. VisAr's surgical augmented reality provides 3D renderings of radiology images overlaid onto patients' bodies, increasing the safety of, or avoiding unnecessary surgical procedures.

Reduce operational costs. With Enterprise Imaging, Novarad streamlines practices around patient data to reduce manual labor by removing gaps from workflow and identifying ways to aggregate all relevant patient data. Use of the NCompass single archive eliminates the need for IT to manage multiple storage platforms.

Enhance patient experience. Easily show patients all information relevant to their case, creating unique moments where education, care, and treatment intersect. With CryptoChart image sharing, patients are empowered in their care with easier access to their images via QR codes and a universal viewing interface.



Intel Components

- Intel® Xeon® Processors
- Intel® Solid State Drives
- Intel® Core™ i5 Processors

Target Vertical:
Health & Life Sciences

Target Use Case:
Product Inspection

Geo Availability
Global

Learn More
- The Novarad Website
- Opensight Augmented Reality Surgery
- CryptoChart CD-free Image Sharing

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NTT System System Blue Bolt

Solution Overview

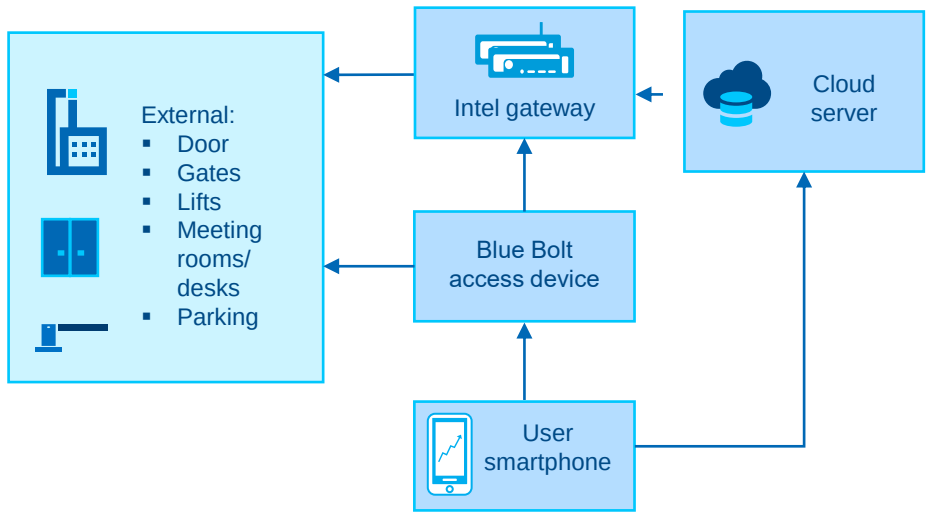
In the real estate market, building owners and operators need to streamline their services for tenants and guests who desire seamless and connected experiences. Building operators are also looking to increase security and efficiency while reducing their operating costs. NTT System's Blue Bolt solution enables touchless interactions with traditional building systems via mobile app, offering end users more convenience across facilities and optimizing building access services, parking management, room booking, and more. In addition, building managers can easily deploy and manage a low-touch solution that augments building security and helps reduce their carbon footprint.

Value Props

Create more seamless user experiences with a single app featuring diverse applications like managing building access, booking meeting rooms, renting parking spaces, and more

Help strengthen building security with a cloud-based platform that manages access via mobile permissions and helps reduce risks associated with stolen access cards and unverified people on premises

Implement with legacy building systems easily through a highly compatible software platform that supports robust third-party integrations and has minimal physical installation requirements



Intel Components

- Intel® Core™ Processors
- Intel® Xeon® Processors
- Intel® NUC Kits

Target Vertical:
Hospitality

Target Use Case:
Asset & Operations Optimization

Geo Availability
Europe, Middle East, Africa

Learn More
Blue Bolt Website

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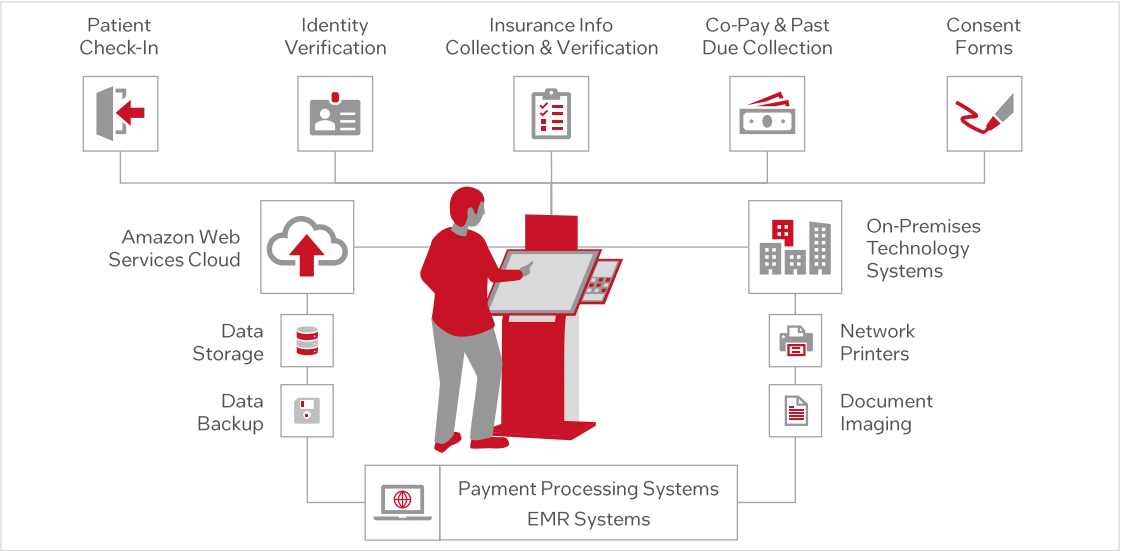
Olea Kiosks Inc. Healthcare Check-in Kiosk

Solution Overview

The Olea Healthcare Check-in Kiosk provides an easy-to-use digital interface that streamlines check-in processes, improves the patient experience, and alleviates pressure on healthcare staff. The self-service kiosk enables patients to complete check-in tasks electronically and automates administrative tasks so staff can devote more time to delivering exceptional patient care.

Value Props

- Increase efficiency and reduce errors by enabling patients to quickly and accurately enter their own information without waiting on staff for assistance
- Lower operational costs by streamlining the collection of patient data and helping optimize arrival times and staff timing
- Reduce patient wait times with self-service kiosks that automate check-in tasks so fewer patients spend time in waiting areas



Intel Components

Intel® Core™ i5 processors

Target Vertical: Health & Life Sciences

Target Use Case: Interactive Media

Geo Availability

US and Canada with opportunities to deploy globally for larger volume deals (dependent on shipping costs, customer needs, and software partner)

Learn More

- Olea Kiosks Inc. Website
- Healthcare Check-in Kiosk Brochure

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Olea Kiosks Inc. Ticketing and Booking Kiosks

Solution Overview

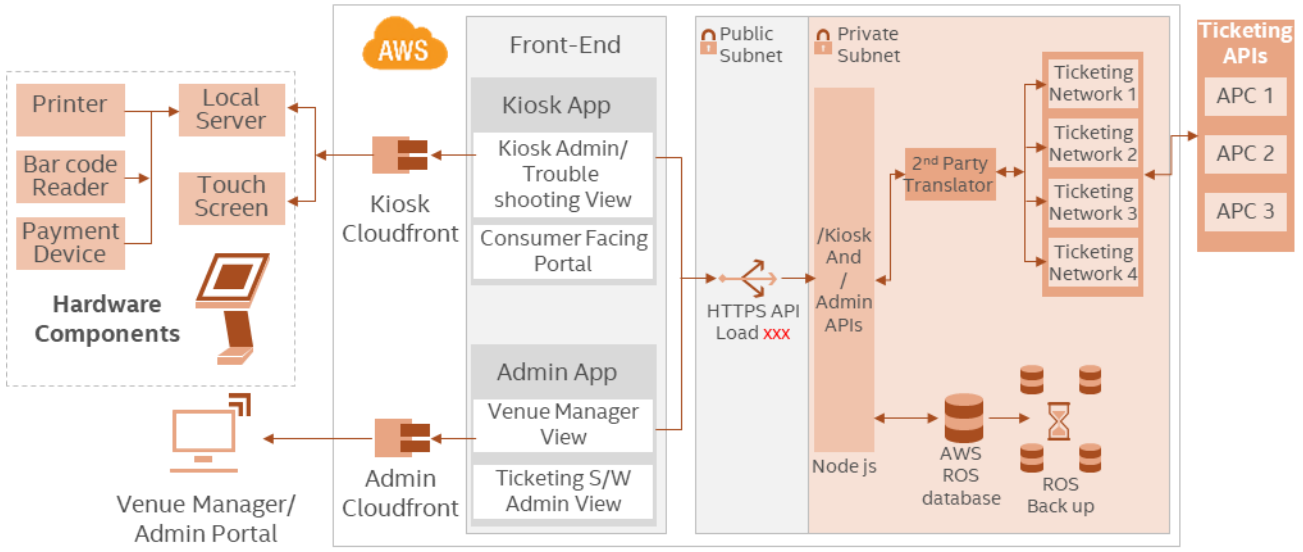
The Olea Kiosk is designed to help businesses increase profitability and optimize foot-traffic management using a customized system to meet a business' specific needs. By increasing transaction speed and providing engaging interactive functionalities, these kiosks can quickly generate revenue and augment customer experiences.

Value Props

Reduce operating costs by deploying a solution that automates repetitive tasks like order taking and payment processing allowing staff to focus on higher valued tasks

Improve guest experiences by providing a contactless solution that expedites the transaction process through intuitive applications so guests spend less time waiting in lines to get service

Generate key data insights for decision-makers by tracking consumer behaviors such as interaction time, selection preferences, and total spend



Kit Components

- Intel® Core™ i5 Processors

Target Vertical:
Other

Secondary Vertical:
Hospitality, Retail, Transportation

Target Use Case:
Interactive Media

Geo Availability
Canada; Mexico; USA; Other Americas; AUS/NZ; India; Japan; South Korea; PRC; ROC; Germany; Israel; Middle East, North Africa; Turkey; Russia; Sub-Saharan Africa; UK

Learn More
- Olea Kiosk Manufacturer
- Ticketing Kiosk for Movie Theaters & Theme Parks by Olea Kiosks, Inc

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Ombori Apps AB
Grid Compute Device

Solution Overview

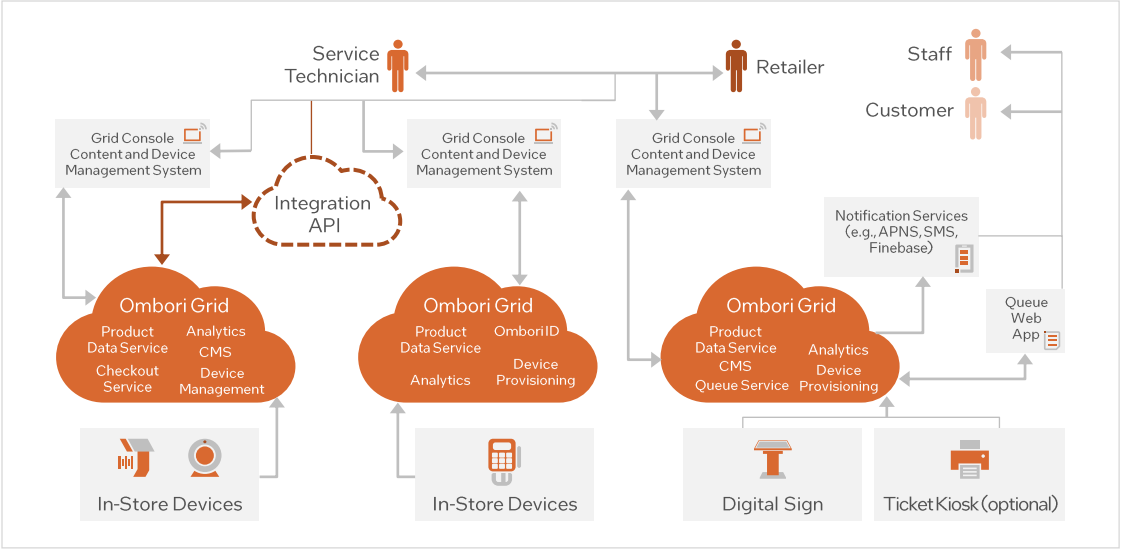
The Ombori Grid Compute Device powers digital experiences in physical spaces by bridging cognitive services, IoT, digital screens, and mobile devices. Ombori offers out-of-the-box solutions that can be deployed to devices with a single click, and enables partners and internal resources to build and manage their own interactive solutions.

Value Props

Enhance Customer Experience with a seamless in-store experience, and by leveraging shopper behavior analytics to best anticipate and respond to consumers

Help improve safety through automated store capacity and shopper distancing controls

Increase sales through intuitive and easy-to-use entry procedures and curbside pickup processes



Intel Components

- Intel® Core™ i3 processors
- Intel® NUC

Target Vertical: Retail

Secondary Verticals: Banking/Financial Services, Health & Life Sciences, Hospitality, Government

Target Use Case: Interactive Media

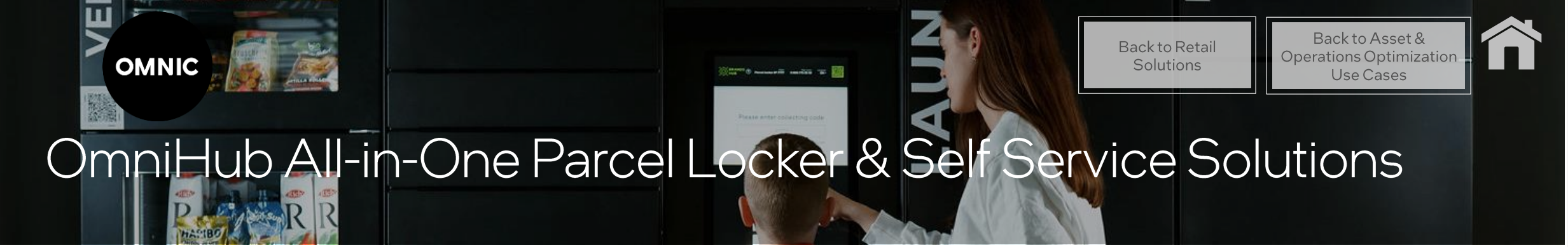
Secondary Use Cases: Asset and Operations Optimization, Control Optimization and Autonomy

Geo Availability
Available Globally

Learn More

- Ombori - Intel® Solutions Marketplace
- Ombori case studies
- Ombori case videos
- Ombori blog

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OmniHub All-in-One Parcel Locker & Self Service Solutions

Solution Overview

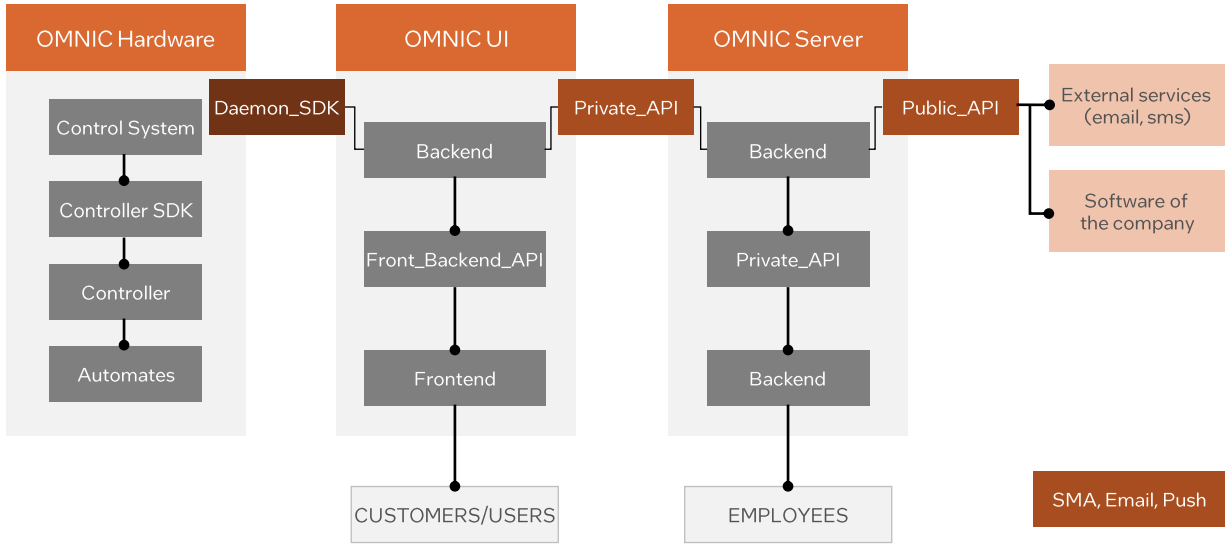
Retailers face challenges in optimizing operational efficiency and customer satisfaction due to evolving customer expectations. The OmniHub by OMNIC addresses these concerns by offering a centralized solution for various services, including parcel delivery, logistics, and customer interactions. OmniHub's modular design allows for customization to meet specific business needs with an all-in-one self-service point to enhance operational efficiency with real-time insights through an intuitive dashboard, providing increased revenue opportunities.

Value Props

Enhance end-customer experiences by providing secure, convenient access to a variety of services in one location

Reduce operational costs with a self-service solution that minimizes costs associated with manual processes

Improve efficiency by accessing real-time, actionable insights into business operations through an intuitive dashboard



Intel Components

- Intel® Core™ i5 Processors
- Intel® RealSense ™
- Intel® Distribution of OpenVINO™ toolkit

Vertical:

Retail

Use Case:

Asset & Operations Optimization

Geo Availability:

Americas, Europe, Middle East, and Africa

Sales Contact:

team@theomnic.com

Solution Webpage:

- OMNIC – OmniHub

Learn More:

- OMNIC - Software

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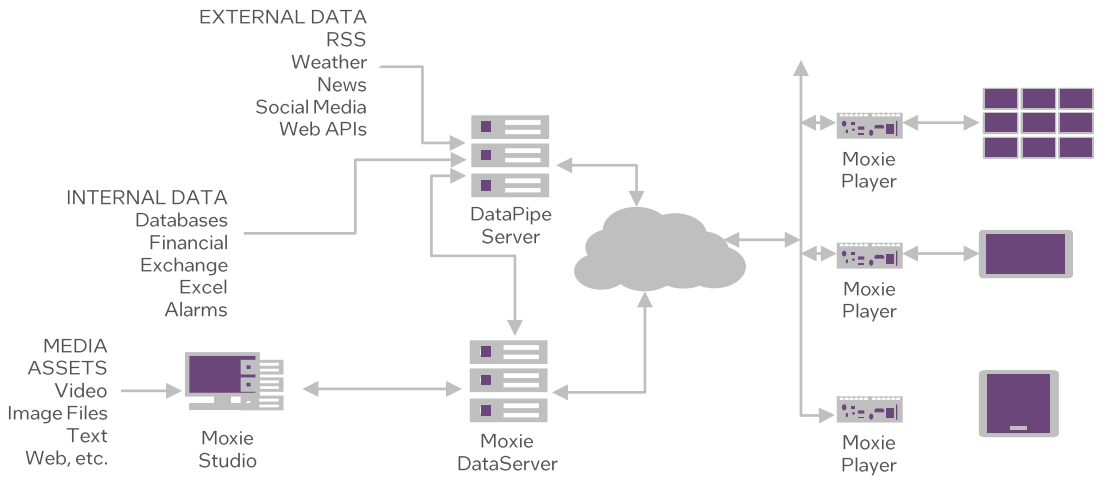
Omnivex Moxie Digital Signage

Solution Overview

The Omnivex Moxie solution empowers interactive digital communications through an intuitive content management platform. With the intelligent use of data, Omnivex can manage a large network of digital signage under one unified management system.

Value Props

- Display real-time information on any screen
- Enhance customer experiences with interactive digital screens and wayfinding
- Increase revenue streams by selling advertising space on digital signage
- Optimize digital communications with a unified content management system



Intel Components

- Intel® Atom® Processor X Series
- Intel® Core™ i5, i7, & i9 Processors
- Intel® NUC

Target Vertical:
Transportation, Corporate communications

Secondary Verticals:
Banking/Financial Services, Health & Life Sciences, Manufacturing,

Target Use Cases:
Corporate Communications, Interactive Media

Geo Availability
Available worldwide

Learn More

- Omnivex Moxie Platform Solution
- Intel Solutions Marketplace
- Omnivex Moxie Videos

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onesait grid utilities

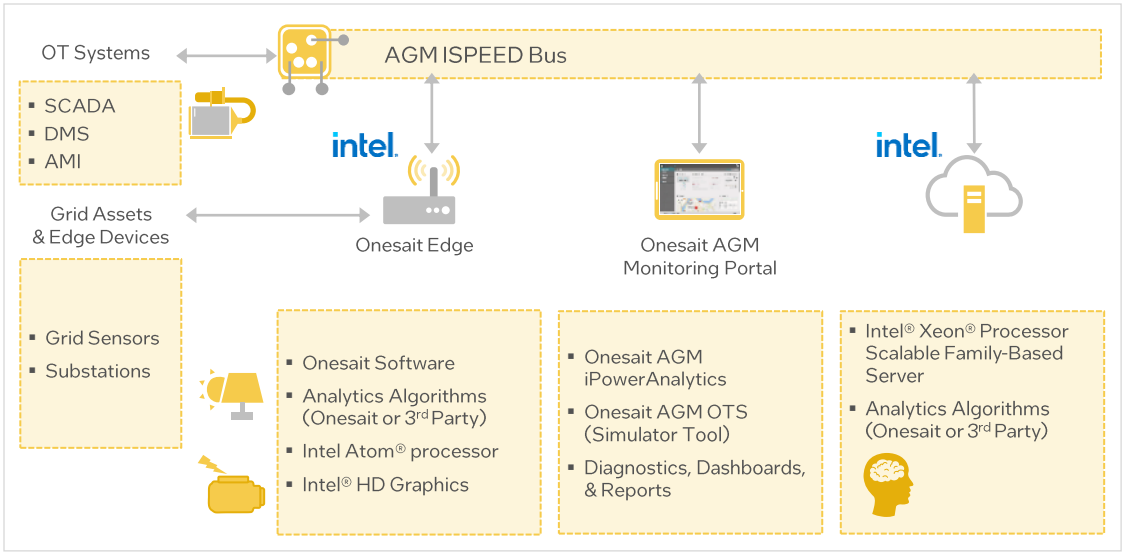
Onesait Active Grid Management Suite

Solution Overview

A novel IoT platform that combines an open architecture with state-of-the-art analytics to effectively monitor and manage the energy grid

Value Props

- Reduce costs by optimizing asset monitoring and management across the grid
- Improve grid reliability through a robust open architecture and early warning reports
- Enable new use cases with grid interoperability, scalability, and analytics-driven insights



Intel Components

- Intel Atom® E3800 and Intel® HD Graphics
- Intel® Xeon® Processor Scalable Family-based 3rd Party Cloud

Target Vertical: Energy
Secondary Verticals: Retail Banking/Financial Services, Hospitality, Education

Target Use Case: Energy Monitoring & Management
Secondary Use Cases: Machine Condition Monitoring, Asset & Operations Optimization Environment

Geo Availability
Worldwide with a focus on Latin America, Philippines, Europe (esp. Germany), USA, Australia, New Zealand, some countries in Africa

Learn More

- Onesait Active Grid overview
- Onesait Grid AGM overview
- For more about Intel in Smart Grid Energy, see Intel in Energy

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ONLOGIC singlewire software

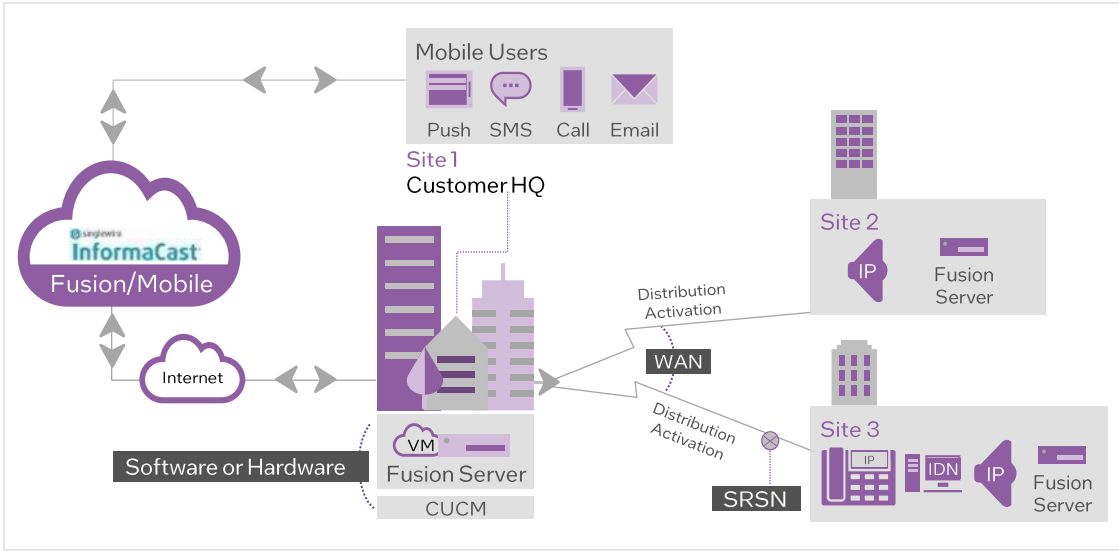
OnLogic Singlewire InformaCast Fusion Server

Solution Overview

A cloud-based emergency notification system that delivers a leading software solution for fast and reliable emergency notifications. The InformaCast Fusion Server helps reach the right people, with the right information, to enhance awareness, safety, and security

Value Props

- Reach everyone by sending critical notifications to multiple communication devices
- Monitor effectiveness of notifications through a variety of real-time tools
- Generate emergency alerts via both personnel triggers and automatic triggers



Intel Components

- Intel® Celeron® processors
- Intel® Pentium® processors

Target Vertical: Government
Secondary Verticals: Retail, Banking/Financial Services, Hospitality, Education, Health & Life Sciences, Transportation

Target Use Case: Logistics & Tracking
Secondary Use Case: Situational Monitoring, Environment Monitoring

Geo Availability
US, EMEA, APAC, India, Australia

Learn More
For more information visit the InformaCast website at: www.singlewire.com/informacast
For quotes and ordering assistance visit the Singlewire contact page: www.singlewire.com/contact-us

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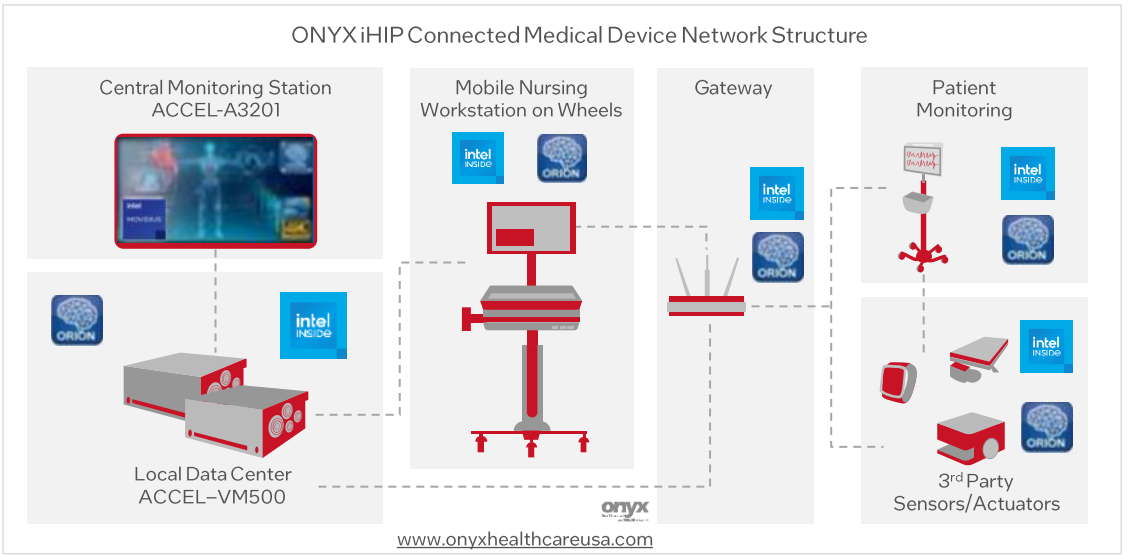
Onyx Intelligent Healthcare Interoperability Platform (iHIP)

Solution Overview

The Onyx Intelligent Healthcare Interoperability Platform (Onyx iHIP) enables ability to discover and develop network computing platforms that contribute to the healthcare IoT and facilitate the adoption of AIoT. Onyx iHIP enables seamless information transfer to healthcare workers, identifies at-risk patients for timely intervention, offers continuous monitoring for improved patient recovery, and tracks biometric trends to assist with clinical decision making.

Value Props

- Reduce hospital readmission by improving patient visibility via patient monitoring and automatic risk alerts
- Improve patient health outcomes through flexible communication between patients and healthcare professionals
- Streamline healthcare professional workloads by integrating remote monitoring that allows a single technician to keep track of multiple patients



Intel Components

- Intel® Core™ i5 processors
- Intel® Celeron® processors
- Intel Atom® processors
- Intel® Xeon® processors
- Intel® Movidius™ VPUs

Target Vertical: Health & Life Sciences

Target Use Case: Asset & Operations Optimization

Geo Availability
United States and Canada

Learn More
Onyx Website

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O'Prueba Operating System (OOS)

Solution Overview

Software deployment has been significantly streamlined by advancements in operating systems and the internet; however, many IT services still rely on cumbersome hardware that require lengthy deployment periods that can take anywhere from 3 to 6 months. The O'Prueba Operating System (OOS), tailored for uCPE, transforms IT/OT service deployment, reducing timelines from months to minutes. With adaptable communication services and edge computing capabilities, OOS enables instant deployment sans code rewriting. Simplify your processes and embrace efficient management, thus accelerating time-to-market for software service providers.

Value Props

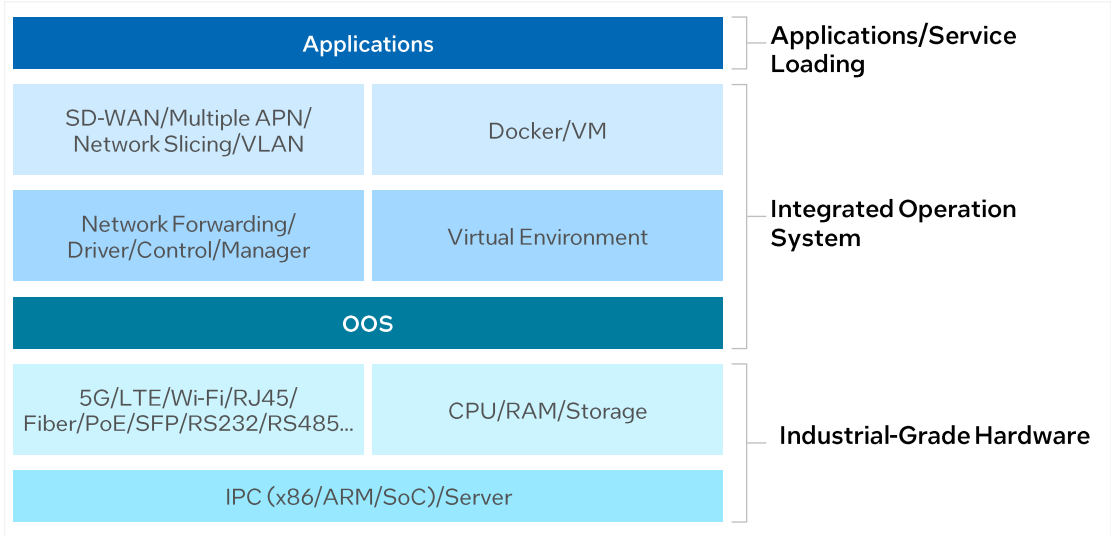
Speed-up time to market by accelerating field set up and deal closure with O'Prueba.

Streamline application deployment with a multi-purpose platform that allows for easily deployed applications and CPEs.

Enable management from anywhere, at anytime and transform manual tasks with one-button remote management.

Intel Components

- Intel Atom® processors
- Intel® Core™ i5 processors
- Intel® Xeon® SP Gold processors



Target Vertical:
Manufacturing

Secondary Verticals:
Government, Retail

Target Use Case:
Asset & Operations Optimization

Secondary Use Case:
Control Optimization & Autonomy

Geo Availability:
Asia, Pacific, and Japan

Sales Contact:
Chelsea Huang – Chelsea.huang@oprueba.com

Solution Webpage:
OS: Manage Your Applications at the Edge from the Cloud

Learn More:
O'Prueba Homepage

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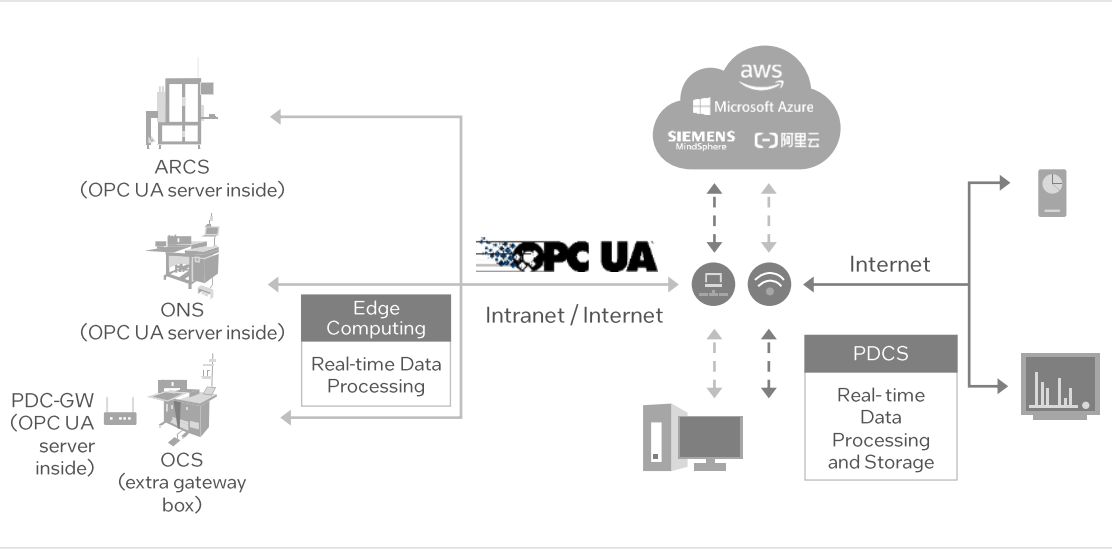
ORISOL Production Data Collection System (PDCS)

Solution Overview

ORISOL Production Data Collection System (PDCS) is a digital software management & cloud service solution designed for footwear manufacturing industry. PDCS enables the manufacturer to monitor relevant outputs and real-time parameter data from ORISOL equipment.

Value Props

- Improve productivity by utilizing real-time data from machines to make necessary adjustments for product output
- Minimize machine downtime with alarm notifications that alert which machine needs maintenance or attention
- Maximize flexibility with effective capacity utilization and production load balancing



Intel Components

- Intel® CoreTM i3 Processors
- Intel® CoreTM i5 Processors

Target Vertical: Manufacturing

Target Use Case: Machine Condition Monitoring

Secondary Use Cases: Asset & Operations Optimization, Energy Monitoring & Management, Interactive Media, Situational Monitoring

Geo Availability

Available globally

Learn More

- PDCS Solution overview

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Panasonic.

Panasonic ArgosView

Solution Overview

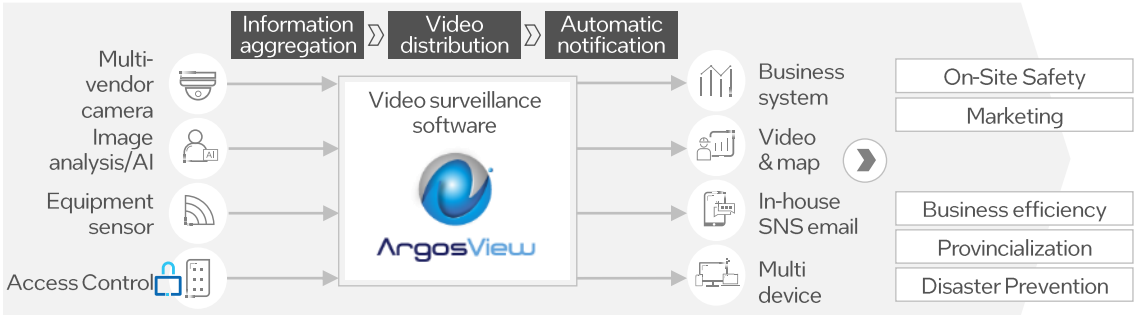
Panasonic ArgosView is a cutting-edge video solution that can record, distribute, manage, and process video footage from network cameras across a factory, store, or other location. Thousands of cameras and/or sensors can be monitored and managed from a single VMS platform, allowing customers to more efficiently access their data and gain actionable insights. ArgosView delivers compatibility with a wide variety of AI software offerings so customers can deploy AI monitoring within their environments while still managing from one convenient location.

Value Props

Streamline management with a solution that gives customers the ability to connect cameras and sensors to one centralized location

Improve efficiencies with a solution that is customizable to fit customer's specific needs to enable more efficient use of video and other captured data

Reduce costs with a solution that can monitor energy consumption and equipment health in real-time and can control air conditioning and lighting



Kit Components

- Intel® Xeon® SP Silver processors
- Intel® Core™ i7 processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Manufacturing

Secondary Vertical:
Banking/Financial Services, Education, Energy, Government, Hospitality and Restaurants, Retail, Transportation and Warehousing

Target Use Case:
Environment Monitoring

Secondary Use Cases:
Logistics & Tracking, Machine Condition Monitoring, Situational Monitoring

Geo Availability:
Japan

Learn More:
Panasonic ArgosView Website

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Partner Tech Smart Hotel Self-Service KIOSK

Solution Overview

The Partner Tech Smart Hotel Self-Service KIOSK (AD-215-H) is a self check-in/check-out solution for hotels looking to enhance customer satisfaction, increase customer loyalty, and optimize resource allocation. The AD-215-H is designed for maximum efficiency, longevity, flexibility, and scalability and can be customized with a wide range of optional accessories to meet hotels' self-checkout needs.

Value Props

Increase customer satisfaction by providing 24-hour service availability, increasing privacy and control, and reducing check-in/ check-out queues

Optimize hotel resources and increase productivity by allowing hotels to reallocate staff and equipment to higher-value tasks

Help protect the public by providing a contactless process as well as optional body temperature monitoring tools to minimize health-related concerns

Proven Results

Lan Kwai Fong Garden Hotel

- **The situation:** The hotel, located in Taiwan, was experiencing issues including a high staff turnover rate, a lack of well-trained staff, and customer frustrations over long queues.
- **The solution:** The Lan Kwai Fong Garden Hotel deployed the Partner Tech solution, as a counter-top self-service kiosk, to help address these issues.
- **The results:** Partner Tech customers say KIOSK accounts for 2+ staff/day, resulting in higher availability of service and about a 30% time reduction in check-in/out processes. They also report a 20% reduction in customer complaints.

Intel Components

- Intel® Core™ i3 and i5 Processors
- Intel® Celeron® Processors

> It is always difficult to find and retain a well-trained staff, especially at [a] small city. Lack of staff has always [caused] frustration to the customers, especially during peak holiday season. With... the Self-Service KIOSK, not only [has] my problem [been] resolved, but [it has] also enhanced customer satisfaction.
>
> Administration Manager, Lan Kwai Fong Garden Hotel

Target Vertical:
Hospitality

Secondary Vertical:
Retail

Target Use Case:
Interactive Media

Secondary Use Cases:
Control Optimization & Autonomy

Geo Availability
APJ

Learn More
- Product Webpage
- Product Video

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Passengera

Passengera Fleet Connectivity and Infotainment Solution

Solution Overview

Passengera Fleet Connectivity and Infotainment solutions provide reliable, manageable and secure internet connectivity and infotainment platforms for transport vehicles over mobile data networks. The solutions also empower transportation organizations with fleet management and passenger data analysis capabilities.

Value Props

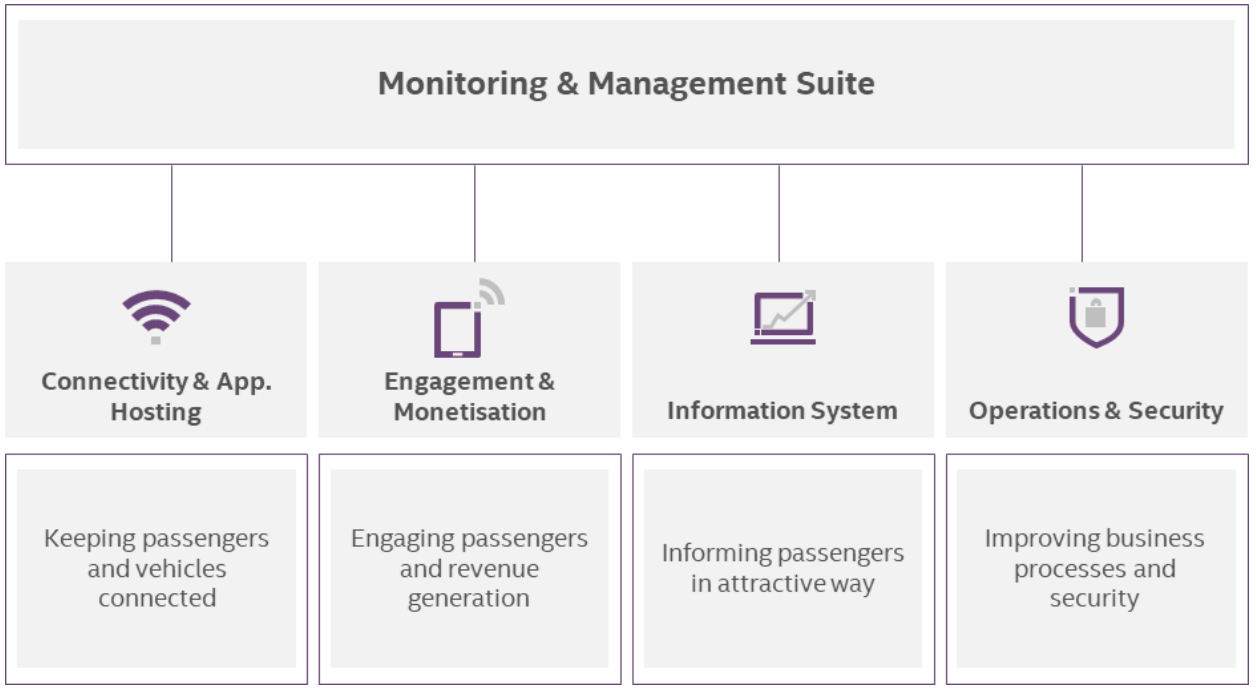
Reduce cost: by decreasing mobile data costs for internet access through effective bandwidth management and content available onboard

Generate a more loyal and consistent customer base: by improving the passenger experience through services that provide high-quality entertainment and information

Increase revenue: by analyzing and using passenger data to effectively implement targeted services and advertisements

Kit Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Atom® Processors
- Intel® Xeon® Processors



Target Vertical:
Transportation

Target Use Case:
Assets & Operations Optimization

Secondary Use Case:
Workload Optimization

Geo Availability
Globally

Learn More
Passengera Website

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Pathr.ai Spatial Intelligence

Solution Overview

As online retailers have unprecedented visibility into their shopper behavior, brick-and-mortar retailers are at a comparable disadvantage when it comes to acquiring insights surrounding their customers' in-store behavior. Pathr.ai Spatial Intelligence is a retail solution that anonymously captures customer and staff movement by leveraging existing cameras and data sources. The solution utilizes AI and edge servers to run computer vision detection and video analytics at the edge. Integrated onto a retailer's business system, Pathr.ai delivers actionable insights through customized dashboards and real-time alerts retailers can use to understand customer behavior within their stores to improve their fiscal and operational outcomes, delivering a +10x annual ROI[1].

Value Props

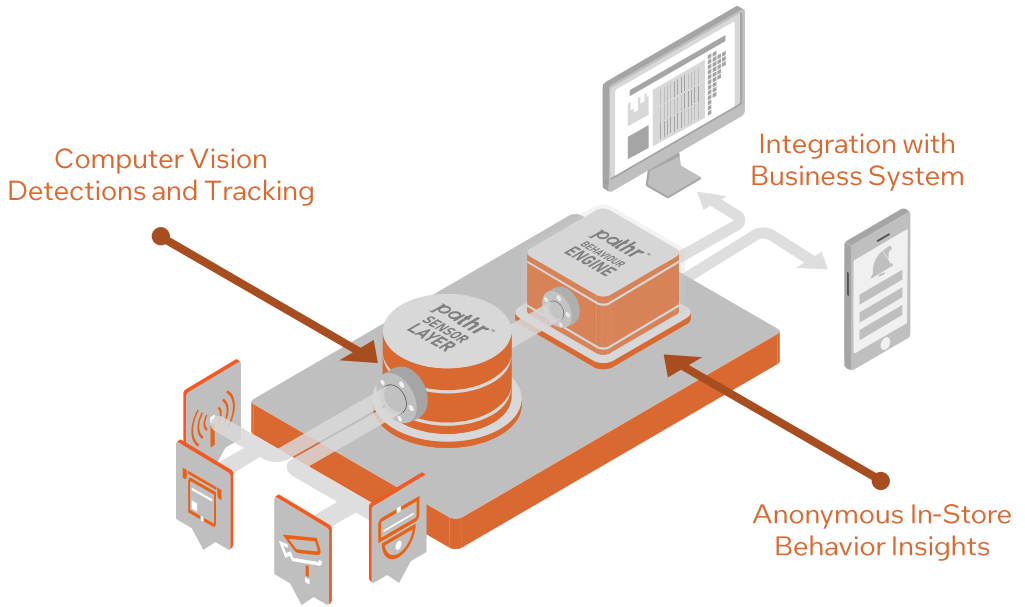
Drive increased profit with enhanced customer insights that facilitate data-driven business decisions and more efficient resource allocation to reduce costs, increase sales velocity, and unlock +10x ROI each year[1]

Boost ROI of existing infrastructure by integrating new capabilities into pre-existing camera systems and seamlessly scaling successful implementations across thousands of stores

Help ensure privacy compliance with a solution that is GDPR and CCPA compliant and doesn't measure personally identifiable information (PII) when capturing customer data

Kit Components

- Intel® Xeon® SP Silver
- Intel® Xeon® SP Gold
- Intel® Movidius™ Myriad™
- Intel® Core™ i9 processors
- Intel® Distribution of OpenVINO™ toolkit



1. Pathr.ai, Why Pathr.ai?, 2022

Target Vertical:
Retail

Secondary Vertical:
Warehousing and Distribution, Commercial Real Estate

Target Use Case:
Situational Monitoring

Secondary Use Case:
Asset & Operations Optimization

Geo Availability
Americas, Europe, Middle East, APJ, Africa, People's Republic of China

Learn More
https://pathr.ai/
Demo
Intel & Pathr.ai Grocery Solution Brief

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PERFECTRON

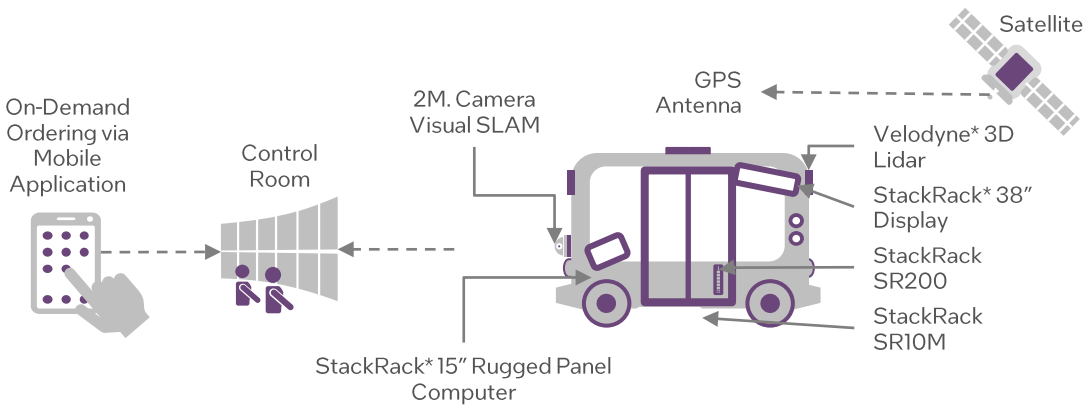
PerfecTron Level 4 Autonomous Shuttle

Solution Overview

The PerfecTron Autonomous Shuttle navigates using radar, Lidar, GPS, odometry, and computer vision, maintaining eco-innovation and a high level of safety.

Value Props

- Environmentally Friendly – Limit noise and emissions with an electric, noiseless design
- Safe – Deliver a safe and accessible transportation alternative with advanced perception technologies
- Cost-Effective – Ease budgetary restraints thanks to reduced operating and infrastructure costs



Intel Components

- Intel® Core™ i7 Processors
- Intel® QM77 and QM87 Chipsets

Target Vertical: Transportation

Secondary Vertical: Government

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Control Optimization & Autonomy

Geo Availability

Available in APAC, Japan, China, Australia, EMEA, North America

Learn More

- PerfecTron Autonomous Shuttle product website
- EZ10 Shuttle product showcase video
- EZ10 newsroom
- EZ10 product booklet and press kits

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PHONEXIA

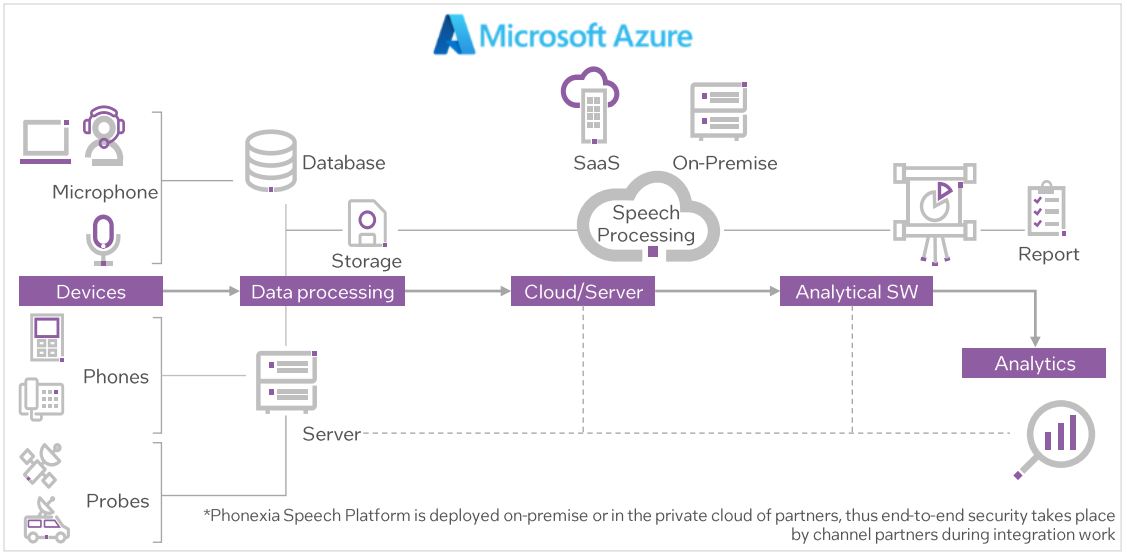
Phonexia Speech Platform

Solution Overview

The Phonexia Speech Platform is a complete set of state-of-the-art speech technologies in a single software platform enabling audio analysis for defense and safety scenarios. Through big speech data analysis and voice biometric identification customers can utilize actionable insights in order to optimize investigations and public safety operations.

Value Props

- Analyze audio data faster with accurate, AI-powered voice biometrics and speech analytics to uncover necessary context
- Integrate seamlessly into systems via a REST API with an on-premise or in the cloud, fully scalable modular solution
- Enhance investigative operations with automatic speech recognition and speaker identification to save staff time to focus on more valuable tasks



Intel Components

- Intel® Xeon® Processors
- Intel® Core™ i7
- Intel® Core™ i5

Target Vertical: Government

Secondary Verticals: Banking/Financial Services, Manufacturing, Retail

Target Use Case: Other

Secondary Use Cases: Control Optimization & Autonomy, Interactive Media

Geo Availability

Europe, Canada, Mexico, United States, Other Americas, Australia/New Zealand, India, Taiwan, Israel, Middle East, North Africa and Turkey, United Kingdom

Learn More

- Phonexia Website
- Phonexia Government Use Case
- Phonexia Open-Source Acknowledgement

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PMY.

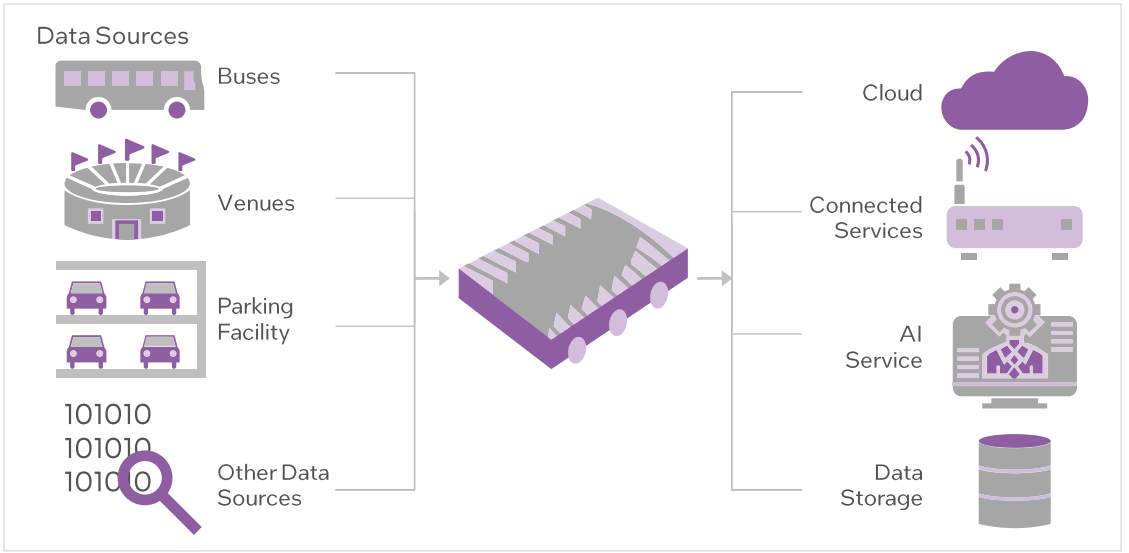
PMY Group Venues Facility and Transportation Optimization

Solution Overview

The PMY Group Venues Facility and Transportation Solution enhances the gameday environment. Data is collected from sensors and cameras to optimize bus occupancy of vehicles, usage of key facilities and spaces, and utilization rates of parking spaces in different venues.

Value Props

- Streamline Operations – Allow asset management to drive operational efficiencies through a data-driven approach
- Centralize Crowd Monitoring – Provide a centralized platform to influence crowd behavior and track crowd size and flow for additional health and safety precautions
- Leverage End-to-End Deployment – Program management, deployment, integration, and operations for all phases of project lifecycle



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Edge Software Provisioner
- SmartEDGE
- Intel® Xeon Processors
- Intel® Movidius™ VPUs

Target Vertical: Government

Secondary Verticals: Gaming and Entertainment; Hospitality; Retail; Transportation; Tourism; Education

Target Use Case: Asset and Operations Management;

Secondary Use Cases: Environment Monitoring; Logistics and Tracking; Situational Monitoring

Geo Availability
Worldwide

Learn More
PMY Group Website

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Ponfac Count

Back to Manufacturing Solutions

Back to Product Inspection Use Cases

Solution Overview

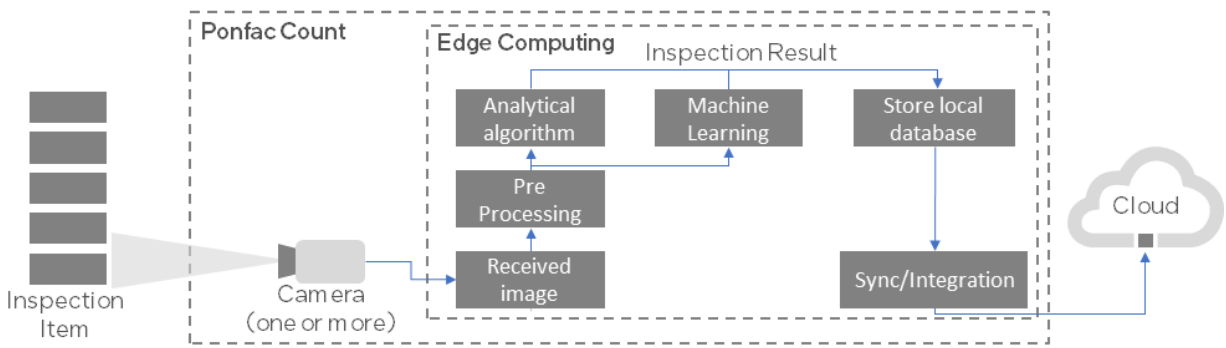
Ponfac Count is a full-stack IIoT solution which leverages the Ponfac Cube to photograph products and analyze them using AI. The Ponfac Cube is a smart camera device that takes product photos on factory lines using a variety of lenses and built-in edge solutions. Images are processed and optimized using computer vision with the help of Intel® Distribution of OpenVINO™ toolkit. The Ponfac Count solution then compares analysis of product photos to written invoices to ensure shipments or finished goods are accurate.Ponfac Count categorizes materials to ensure that they are delivered to the correct step of the logistical process. The solution stores data and then encrypts it before sending it to the cloud. Ponfac Count is username and password protected as well as secured by end-customer firewalls, VPNs, and other security rules.

Value Props

Increase operational efficiencies by decreasing errors and eliminating the need for manual counting and classification, driving profitability

Improve performance by generating a high degree of accuracy in the inventory process using computer vision

Boost customer satisfaction by detecting errors early in the manufacturing process, ensuring finished products match end customer invoices



Kit Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® NUC

Target Verticals:
manufacturing
Logistics and tracking,

Secondary Vertical:
Transportation and Warehousing, Retail, Energy

Target Use Case:
Product Inspection

Geo Availability
Americas

Learn More
- Ponfac Count

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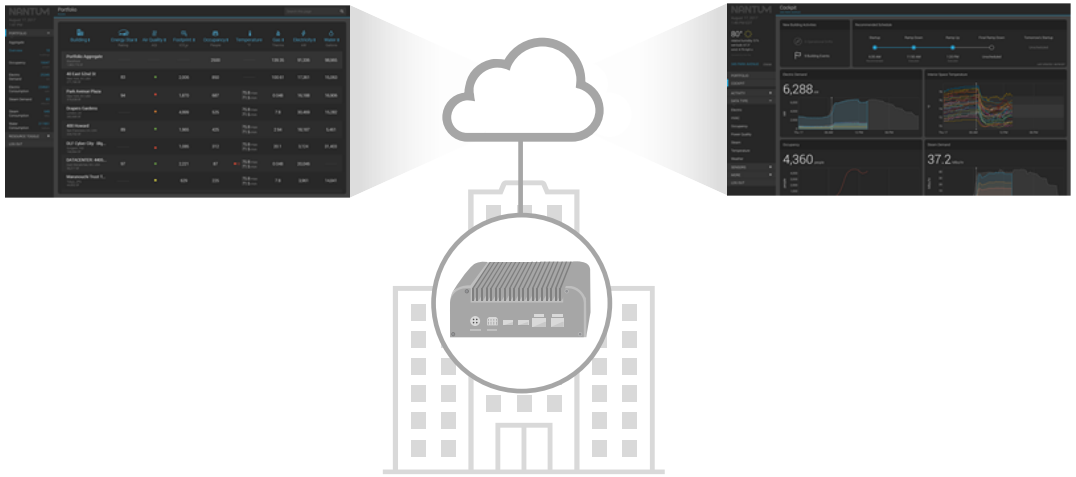
Prescriptive Data NANTUM

Solution Overview

A highly secure, scalable, and flexible IoT platform that creates smarter and more efficient buildings

Value Props

- Reduce expenses and lower carbon footprint by improving energy efficiency
- Improve tenant retention by proactively managing buildings to increase comfort
- Optimize operational efficiency with more control and automation of building systems



Intel Components

- Intel®-based Logic Supply ML100 Series NUC
- Intel®-powered IoT sensors and collectors
- Intel®-powered data center switching/routing
- NANTUM software designed to operate on Intel®-based gateways
- AWS Intel®-specified compute and processing

Target Vertical: Other

Secondary Verticals: Retail, Banking/Financial Services, Hospitality, Education, Public Sector/Government

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Situational Monitoring, Environmental Monitoring

Geo Availability
North and South America

Learn More
Prescriptive Data NANTUM solution website

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PEGATRON 5G

5G Private Network Solution: Digital Resilience

Solution Overview

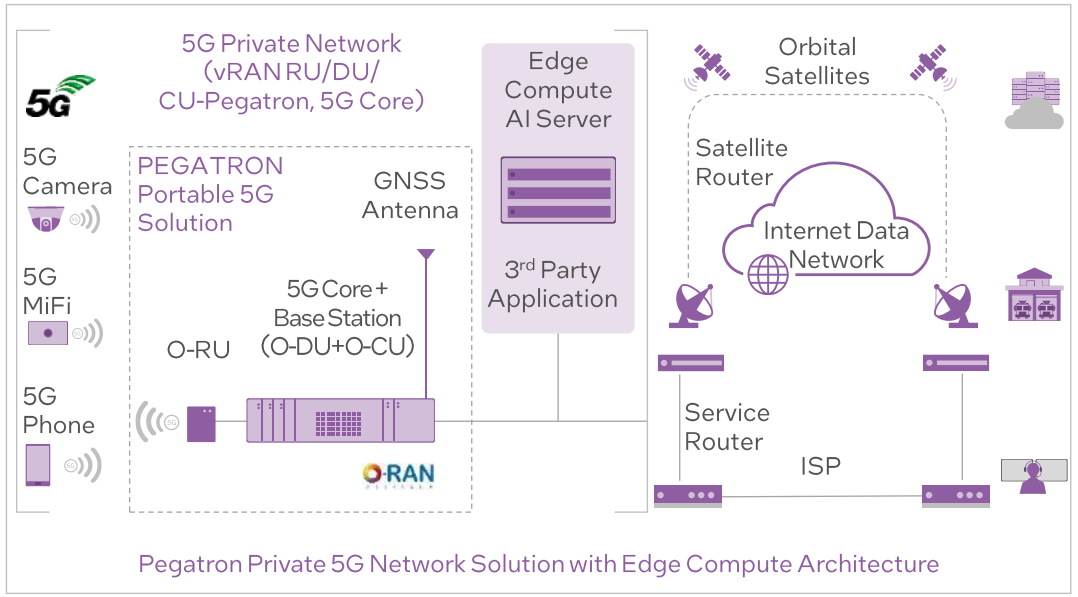
As modern businesses and high-tech operations grow increasingly dependent on access to high-speed wireless data, so does their need for a diverse range of networking solutions. To address this demand, Pegatron developed the 5G Private Network Solution, a highly integrated and scalable edge computing platform with advanced network connectivity. Pegatron offers an end-to-end solution for 5G private networks with various 5G technologies and services to support cross-field applications.

Value Props

Provide reliable and complete communication through 5G private network integration with orbital satellites that ensure uninterrupted connection services that support a diverse range of communication options

Reduce overhead costs and improve carbon footprint by implementing a solution that intelligently manages energy consumption by allowing 5G base stations to hibernate

Improve operational efficiency with a solution that utilizes digital resilience applications to manage assets within an enterprise infrastructure to maintain the ability to operate during business disruptions



Pegatron Private 5G Network Solution with Edge Compute Architecture

Kit Components

- Intel® Xeon® Processors
- Intel® Arria® Processors
- Intel® Ethernet Network Adaptors
- Intel® FlexRAN™
- Intel® DPDK
- Intel® Distribution of OpenVINO™ toolkit
- Intel® vRAN Accelerator
- Intel® QuickAssist Adapter

Target Vertical:
Government

Secondary Verticals:
Education, Health & Life Sciences, Manufacturing, Transportation & Warehousing

Target Use Case:
Situational Monitoring

Geo Availability
APJ, Americas, Europe, Middle East, and Africa

Learn More
- Pegatron – Home page
- PEGATRON 5G O-RAN E2E Private Network Solution - video

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PreciTaste Prep Assistant

Solution Overview

PreciTaste's Prep Assistant is a software automation solution designed to address the challenges faced by global foodservice operators. By leveraging AI-driven recommendations and historical data, it optimizes ingredient preparation, increases crew efficiency, reduces food costs, and enhances customer experiences. Through the power of edge and cloud connectivity, it enables real-time analysis, precise forecasts, and data-driven decision-making.

Value Props

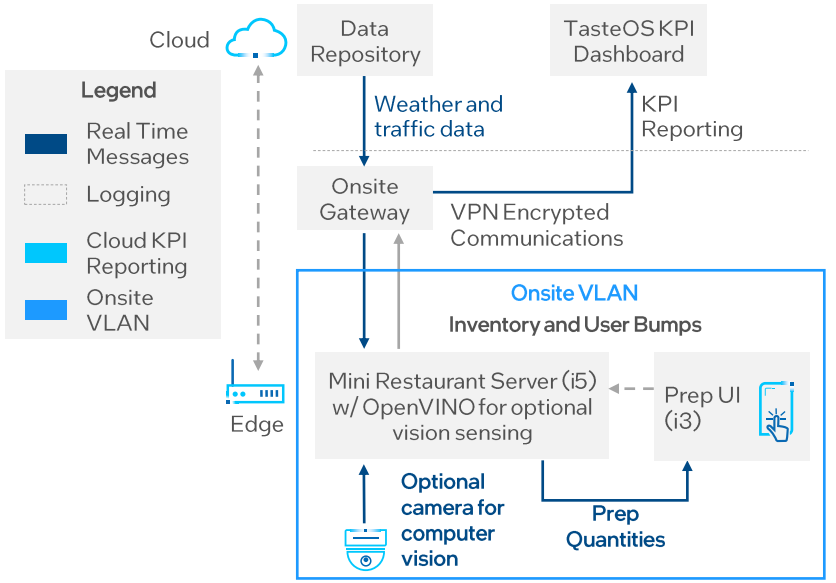
Reduce labor costs and increase productivity with automated calculations that decrease time spent on manual estimations and task management, saving both managers and crew members 1+ hour per day* – allowing them to focus more on customer service and culinary creativity.

Decrease food costs by up to 5%[1] through a significant reduction in food waste, as the Prep Assistant significantly reduces overproduction through precise sales forecasts and ingredient prep instructions.

Improve regulatory compliance, up to 99%[2], by providing an intuitive and user-friendly solution that helps teams follow approved processes, adhere to regulatory requirements, and manage tasks.

Intel Components

- Intel® Core™ i5 processors
- Intel® Core™ i3 processors
- Intel® Distribution of OpenVINO™ toolkit



1. Business Cases, PreciTaste, 2023. | 2. Case Study: AI-Driven Prep, PreciTaste, 2023.

Target Vertical:
Hospitality
Secondary Verticals:
Retail, Partner Verticals

Partner Designated Vertical:
Restaurant & Grocery

Target Use Case:
Asset & Operations Optimization
Secondary Vertical:
Logistics & Tracking

Geo Availability
Americas, EMEA

Sales Contact
sales@precitaste.com

Solution Webpage
PreciTaste Prep Assistant

Learn More
- How it works
- PreciTaste news
- Business case
- Customer story video

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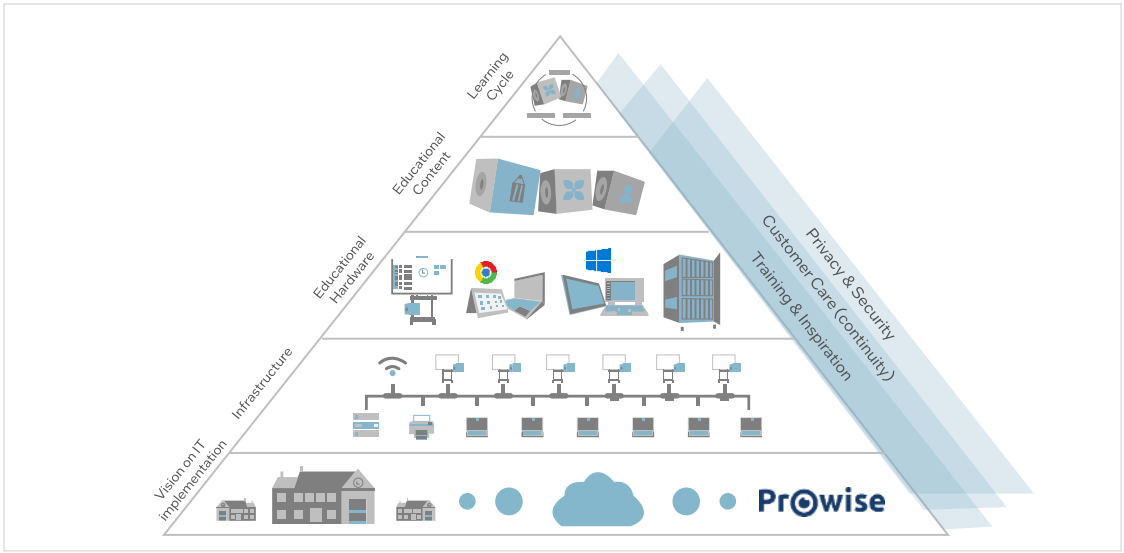
Prowise Full Solution for Education

Solution Overview

The Prowise Full Solution for Education offers a powerful interactive experience to the education industry. The 3-in-1 camera, touchscreen, and PC modules bring engagement into the classroom by providing a safe, collaborative, and active educational experience.

Value Props

- Unlock a fun, educational, and healthy experience for students
- Bring experts into the classroom with video conferencing capabilities
- Protect personal data through components that comply with security and privacy standards



Intel Components

- Intel® Core™ i5 processors
- Intel® RealSense™
- Intel® vPro™ and Unite™

Target Vertical: Education

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Interactive Media

Geo Availability
North and South America

Learn More
Prescriptive Data NANTUM solution website

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Prox Systems Co., Ltd. Restaurant Smart Service Solution

Solution Overview

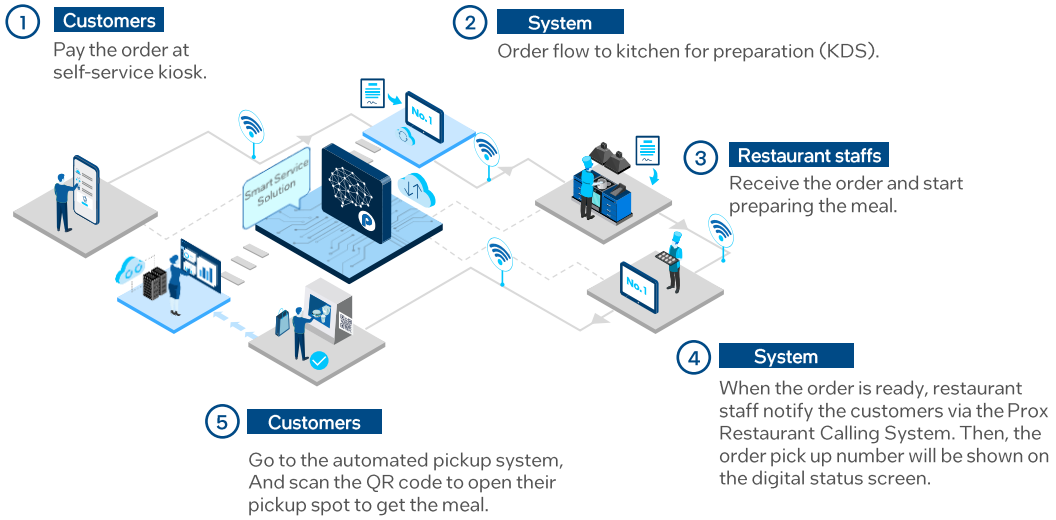
In the restaurant and hospitality industry, labor shortages and an increasing customer preference for using contactless technology services have increased the demand for automated, self-service digital solutions. The Prox Restaurant Smart Service Solution helps restaurants facilitate operational efficiency with automated technology from self-ordering, touchless payments, and kitchen order management, to customer pick-up. The solution also provides powerful data insights to help restaurants gain a deeper understanding of their market and a cloud-based platform to help monitor their hardware devices remotely. Ultimately, the Prox solution provides restaurants with all the tools needed to improve service and gain a competitive advantage.

Value Props

Increase operational efficiency by streamlining ordering, payment, and preparation processes with an automated and comprehensive technology

Improve customer satisfaction by leveraging insights to help improve your services, on top of providing a faster and safer experience

Facilitate IT management with a built-in, cloud-based platform service that enables easy remote device management and quick troubleshooting



Kit Components

- Intel® Celeron® processors
- Intel® Core™ i3 processors
- Intel® Core™ i5 processors

Target Vertical:
Hospitality and Restaurants

Secondary Vertical:
Retail

Target Use Case:
Interactive Media

Geo Availability
Asia Pacific, Japan, USA, Germany, Spain

Learn More
- Protech Systems (Prox) Website
- Solution Webpage

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PT. Murni Solusindo Nusantara AI Powered Digital Public Information Display

Solution Overview

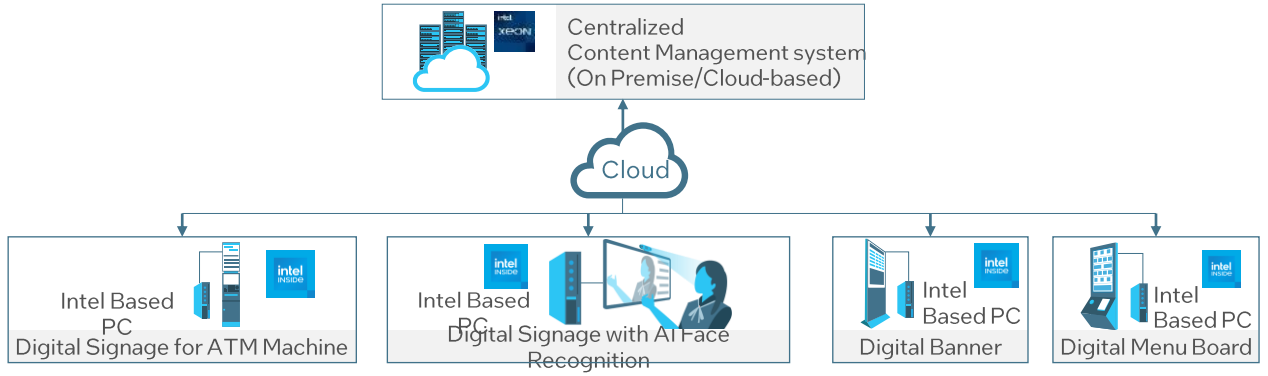
PT. Murni Solusindo Nusantara's AI Powered Digital Public Display offers a digital signage solution that helps businesses provide visual displays that inform, engage, and entertain customers along with real-time data and analytics that provide insights into messaging efficacy, allowing administrators to optimize strategy. The solution provides built-in privacy protection for its audience detection technology by utilizing anonymous pattern detection algorithms that help ensure no images or video are recorded, and no personal information is collected.

Value Props

Improve service quality by deploying effective messaging content based on customer engagement data insights

Streamline operations and information sharing protocols by managing content updates across multiple display locations from a centralized CMS

Increase profits through cross-sell and up-sell product offerings and services included in visual campaigns



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® NUC
- Intel® Core™ i5 Processors
- Intel® Core™ i3 Processors

Target Vertical:
Banking/Financial Services

Secondary Verticals:
Education, Health and Life Sciences, Hospitality and Restaurants, Retail, Transportation and Warehousing, Government

Target Use Case:
Interactive Media

Geo Availability
APJ

Learn More
Digital Public Information Display Product Page

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A Faster Time to Science with Pure Storage FlashBlade for Genomics

Solution Overview

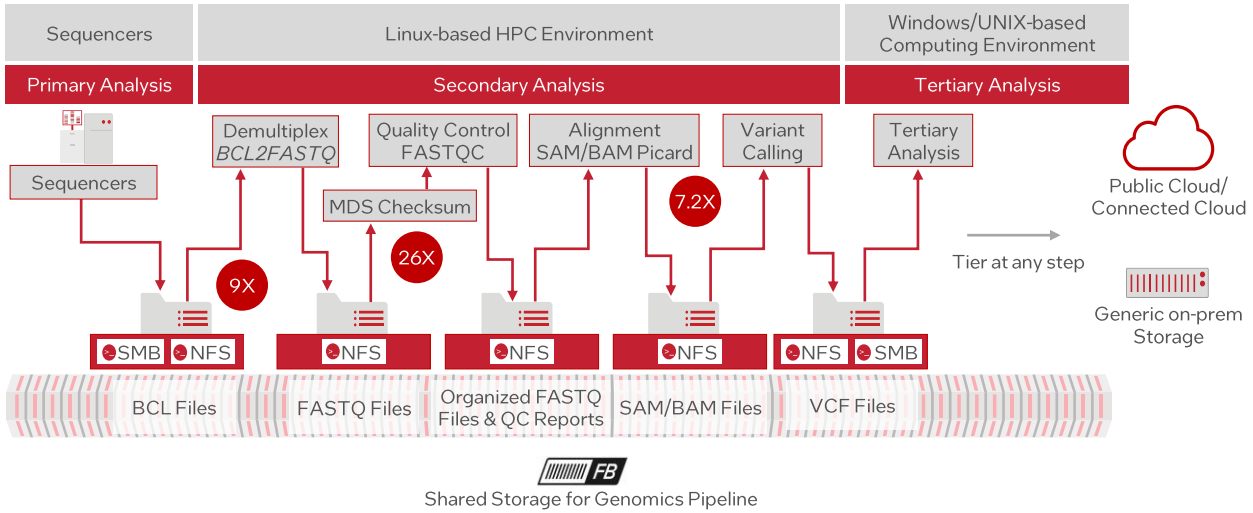
Business owners in the life sciences sector face challenges in fully leveraging the vast genomic data generated throughout various analysis stages. Pure Storage's genomic data storage solutions provide a unified platform, offering simplicity, power, and scalability. From direct data capture to secondary and tertiary analyses, the solution employs a dynamic scale-out storage approach, resulting in up to 24x faster secondary analyses compared to traditional disk-based setups.

Value Props

Improve efficiency by optimizing data processing speed and enhancing storage management, creating a scalable infrastructure for managing growing volumes of genomics data

Reduce operational costs with data-driven insights that predict storage usage based on history, enabling proactive resource allocation and optimal storage management

Support security monitoring with always-on data encryption surveillance for potential threats, and SafeMode snapshots to lock down critical data when recovering from a cyberattack



Intel Components

- Intel® Xeon® Silver Processors
- Intel® AVX-512
- Intel® Crypto-NI
- Intel® Ethernet Controllers

Vertical:

Health and Life Sciences

Use Case:

Human Wellness Monitoring

Geo Availability:

Americas, APJ, EMEA

Sales Contact:

Bill Lynch – blynch@purestorage.com

Solution Webpage:

- Pure Storage – Genomics

Learn More:

- Pure Storage – Home

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pyramid building IT essentry smart visitor management

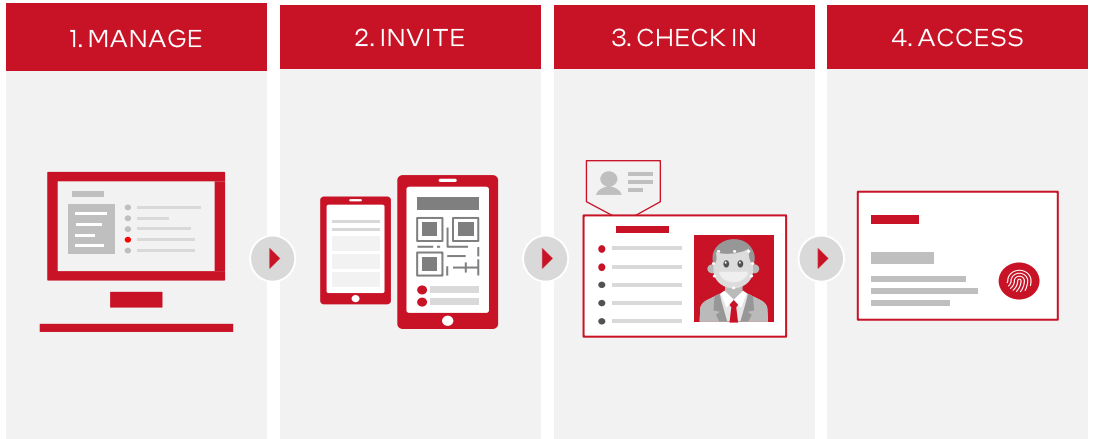
Pyramid Computer Essentry Visitor Verification

Solution Overview

The Pyramid Computer Essentry Visitor Verification solution solves the dilemma of unverified access to critical facilities with an efficient and streamlined process leveraging a self-service kiosk. Providing secure and easy-to-use technology, customers are able to eliminate human-service and reduce cost in a variety of industries.

Value Props

- Reduce reception operation costs by eliminating unnecessary time and resources spent on operation costs
- Improve the visitor management processing time through fully automated kiosks
- Safeguard your facilities, ideas and intellectual properties by leveraging biometric identification to verify and authenticate visitors or employees



Intel Components

- Intel® Core™ i5 processors
- Intel® RealSense™ Technologies

Target Vertical: Health & Life Sciences

Secondary Verticals: Chemicals & Pharmaceuticals, Datacenters, Hospitality, Defense, Transportation, Enterprise

Target Use Case: Logistics & Tracking

Secondary Use Cases: Visitor Management & Access Control, Situational Monitoring, Security

Geo Availability
Europe and North America

Learn More
- essentry website
- Pyramid Computer website

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Pyramid Computer GmbH Self Checkout Kiosk

Solution Overview

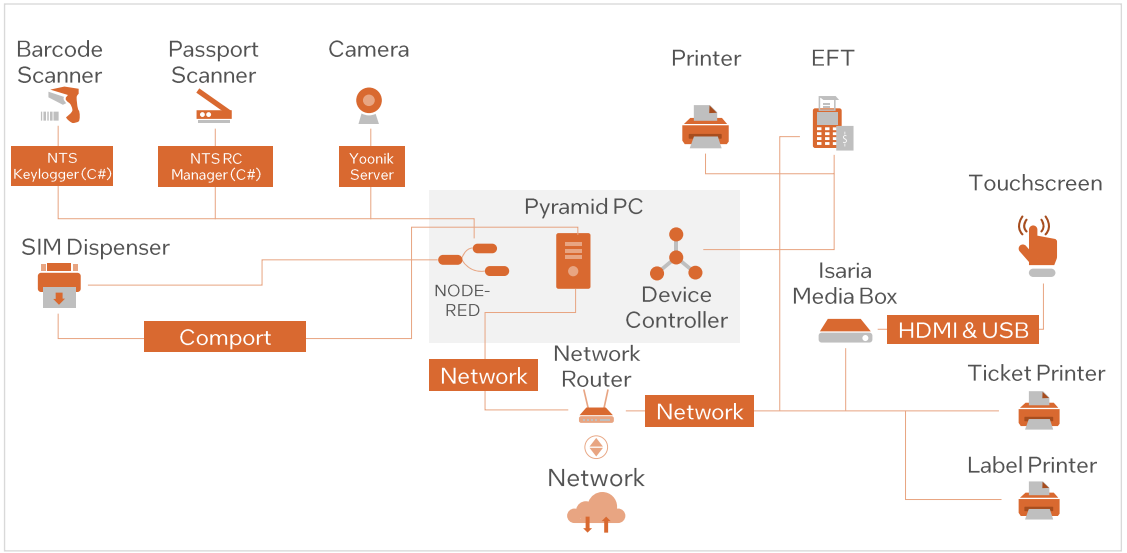
The Pyramid Computer GmbH Self Checkout Kiosk is an all-in-one solution that digitizes the checkout process in retail stores. The custom-made kiosk is configurable to any retail setting to offer customers enhanced, contactless shopping experiences without waiting in long queues.

Value Props

- Reduce customer wait times with self-service kiosks that automate purchases so fewer customers spend time waiting
- Lower operational costs with an all-in-one digital, self-checkout solution that can be easily customized to support individual integrations
- Increase ROI with automated, self-checkout kiosks that serve more customers per hour than staff cashiers

Intel Components

Intel® Core™ i5 Processors



Target Vertical: Retail

Target Use Case: Interactive Media

Geo Availability

Available in Brazil, Canada, Mexico, United States, Other Americas, Australia/New Zealand, India, Japan, South Korea, People's Republic of China, Taiwan, Germany, Israel, Middle East, North Africa and Turkey, Russia, Sub-Saharan Africa, United Kingdom

Learn More

- Pyramid Computer Website
- The SCO Future – Stationary Self Checkout Made to Measure

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pyramid building IT

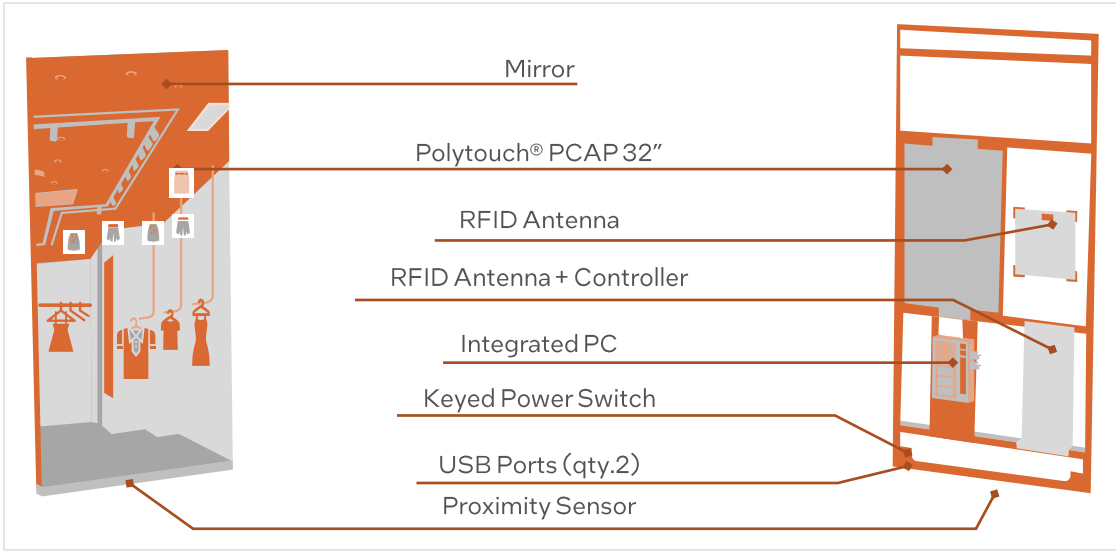
Pyramid Computer Magic Mirror

Solution Overview

The Pyramid Computer Magic Mirror gives retailers the chance to create a more immersive shopping experience for their customers. Offering an interactive display that functions both as a mirror for trying on items and a touchscreen for exploring products, customers are presented with a more personalized and engaging shopping experience

Value Props

- Increase customer engagement with cutting-edge technology that cultivates an enhanced and more personalized shopping experience
- Increase sales through an interactive display that presents customers with product options and availability
- Improve operational efficiency by gaining insights into consumer purchasing habits and product ROI



Intel Components

- Intel® Core™ i5
- Intel® Q170 Chipset

Target Vertical: Retail

Target Use Case:
Interactive Media

Secondary Use Case:
Logistics & Tracking

Geo Availability
North America and Europe

Learn More
Pyramid Computer website

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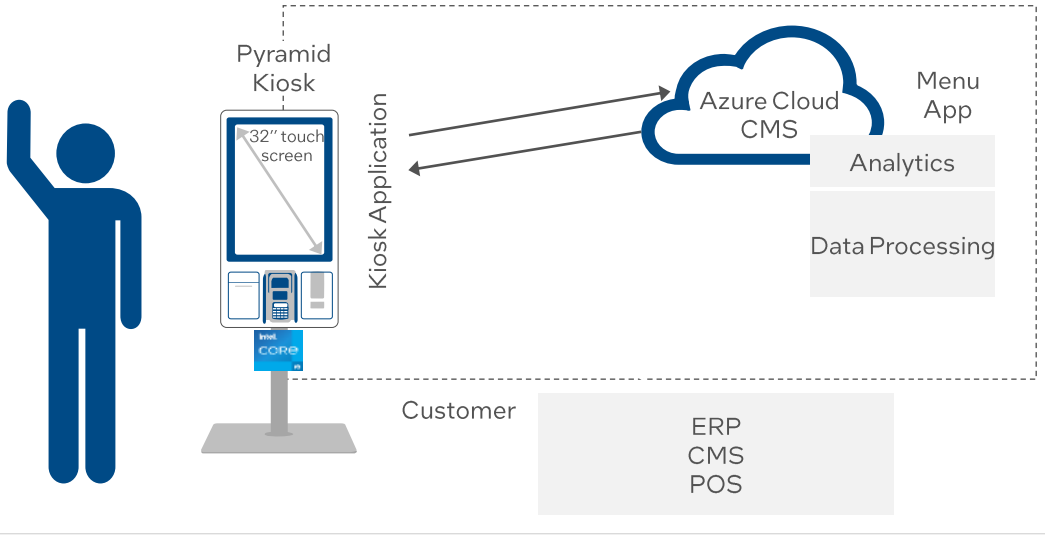
Pyramid Computer Restaurant Ordering Kiosk

Solution Overview

The Pyramid Computer Restaurant Ordering Kiosk is a modular kiosk solution for ordering and self-checkout. Complimented by the Menu Omnichannel Ecosystem, these kiosks offer a comprehensive ordering system to improve contactless purchases for safer restaurant practices

Value Props

- Streamline and enhance restaurant operations with contactless ordering for safer and more efficient practices
- Improve sales and ROI with a kiosk that reduces workflow costs while enhancing customer experience and offering a platform for more sales opportunities
- Enhance public image by improving social distancing practices and ensuring customer safety



Intel Components

- Intel® Core™ i5 Processors
- Intel® RealSense™ Technologies

Target Vertical: Hospitality

Target Use Case: Interactive Media

Geo Availability
Globally

Learn More

- Pyramid Computer website
- Menu Website
- Menu Ecosystem Video

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Q-Net Security

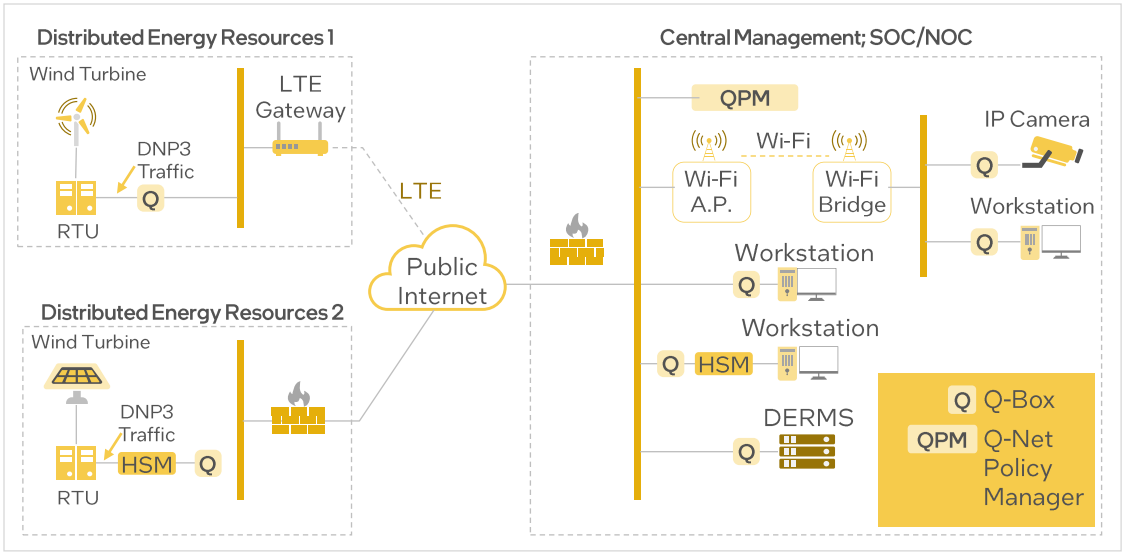
Q-Net Security – Cybersecurity Hardware Solutions

Solution Overview

Offering a new class of security solution, the Q-Net Security (QNS) Cybersecurity Hardware Security (HardSec) Solutions can lower the risk of cyberattack with an easy to drop-in, no-maintenance solution. The QNS secure network overlay is a powerful and cost-effective way to protect critical infrastructure from cyberattacks and prevent cyber intrusion for both legacy heterogeneous networks and greenfield networks.

Value Props

- Futureproof operations with a quantum-compute resistant silicon-based solution that provides some of the strongest drop-in security available
- Integrate seamlessly with any network by plugging in a Q-Box to secure an endpoint
- Simplify management by eliminating the need for maintenance with a solution that requires no endpoint agents or software updates



Intel Components

- Intel® FPGA
- Intel® Celeron® Processors

Target Vertical: Electric Utilities; Water/ Wastewater; O&G; Energy

Secondary Verticals: Banking/ Financial Services; Gaming & Entertainment; Government; Manufacturing; Transportation

Target Use Case: Secure Critical Infrastructure; Other

Geo Availability
North America, LATAM, EMEA and APAC

Learn More
Q-Net Security Website

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Qualitas Technologies EagleEye Platform

Solution Overview

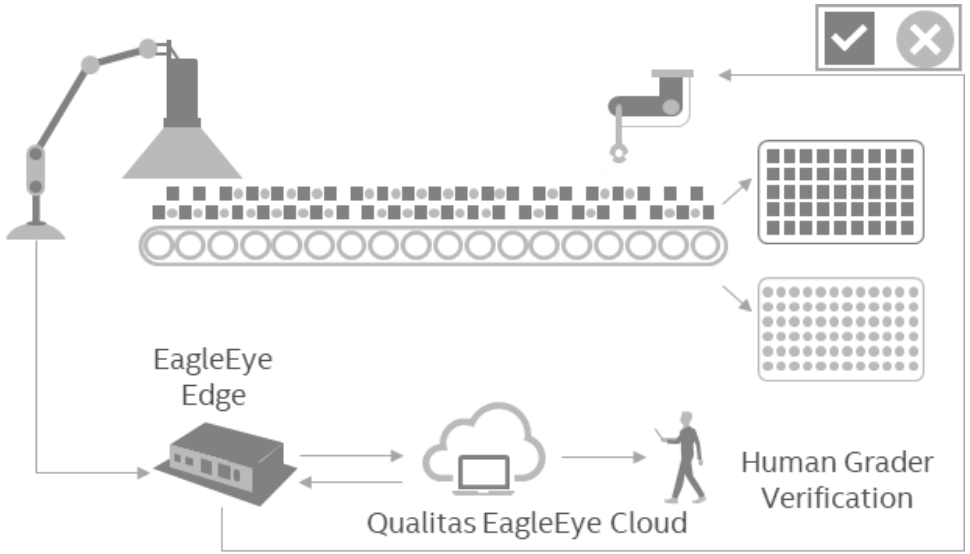
The Qualitas EagleEye Platform (QEP) is a solution development engine backed by deep learning which enables customers to quickly develop powerful visual inspection solutions for industrial use cases. The QEP provides companies the ability to harness AI to ensure high quality production, catch defects and alert appropriate staff in real-time, and gain valuable insights.

Value Props

Improve inspection accuracy by improving error detection rates and reducing false positive rates with Qualitas' fine-tuning workflow and powerful accuracy verification

Reduce costs with cost-optimized image acquisition by minimizing installation complexity and delays, through decreased solution development and model training time

Deploy simply and effectively with a complete end-to-end platform that includes the hardware, software, and cloud applications needed to get started quickly



Intel Components

- Intel® Xeon® Processors
- Intel® Neural Compute Stick
- Intel® Movidius™ VPUs
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ i3, i5, i7, and i9 Processors

Target Vertical:
Manufacturing

Secondary Verticals:
Industrial

Target Use Case:
Product Inspection

Secondary Use Case:
Logistics & Tracking

Geo Availability
Brazil, Canada, Mexico, United States, Other Americas, Australia/New Zealand, India, Japan, South Korea, PRC, Taiwan, Germany, Israel, Middle East, North Africa, and Turkey, Russia, Sub-Saharan Africa, UK

Learn More
- Qualitas Technology Website
- Qualitas EagleEye Platform Solution Page
- Qualitas EagleEye Platform Case Studies

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QUANERGY®

Quanergy Flow Management

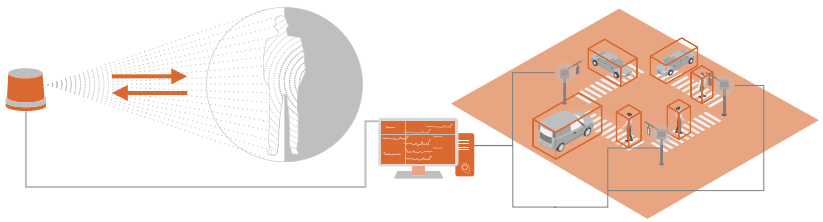
Solution Overview

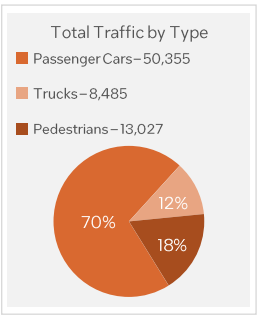
Quanergy's Flow Management solution uses LiDAR technology to provide a modular, scalable, and advanced perception platform that enables real-time analysis for people counting, object detection, classification, tracking, and more. It is designed to address a wide range of applications more effectively than traditional security systems.

Value Props

- Increase operational efficiency with accurate, real-time, 3D images and high resolution, reducing false alarms and the costs of security personnel
- Enhance security with a solution that enables powerful tools for security and analytics applications and uses sensors that operate in every lighting condition
- Help improve performance with LiDAR sensors which provide high longevity and cost efficiency

TRANSMITTER / RECEIVER	OBJECT	POINT CLOUD	CLASSIFIED OBJECTS	BUSINESS SPECIFIC ANALYTIC
Transmitter emits pulsed laser light. Time of Flight receiver measures the reflected pulse.	Object illuminated by laser	Real-Time 3D Imaging	People + Vehicle objects list with position, direction & speed	





Intel Components

- Intel® Celeron® processors
- Intel® Xeon® processors
- Intel® Core™ i7 processors

Target Vertical: Retail

Secondary Verticals: Agriculture; Banking/ Financial Services; Education; Energy; Gaming & Entertainment; Government; Hospitality; Manufacturing; Transportation

Target Use Case: Asset and Operations Optimization

Secondary Use Cases: Control Optimization & Autonomy; Environment Monitoring; Logistics & Tracking; Situational Monitoring

Geo Availability

Globally

Learn More

- Quanergy | LiDAR Sensors and Smart Sensing Solutions
- Blog - Quanergy
- Contact Quanergy

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RELIMETRICS

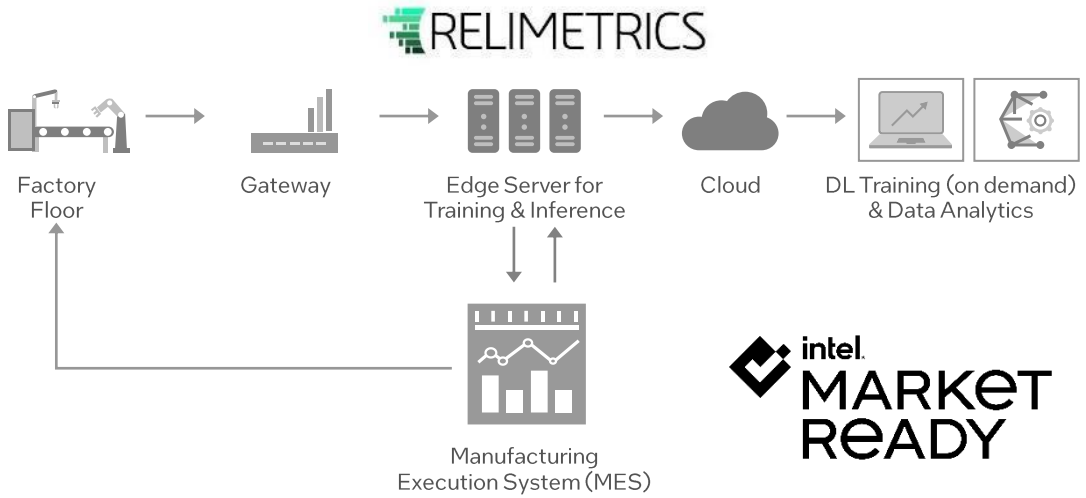
Relimetrics AI-Based QA Automation System for Electronics Assembly

Solution Overview

A closed-loop optical quality control system using AI-based video analytics in real-time at the edge that automates and digitizes visual inspections in-line, creating full traceability of quality in all stages of production

Value Props

- Maximize operational efficiency with a solution that fully digitizes quality audits
- Improve QA accuracy and detect product defects instantaneously
- Deploy easily as the solution can be rapidly integrated with existing infrastructure



Intel Components

- Intel® Xeon® Processors
- Intel® Core™ i7 Processors
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Movidius™ VPUs

Target Vertical: Manufacturing

Target Use Case: Product Inspection

Geo Availability

Available in USA, EMEA, and APJ

Learn More

- The Relimetrics official website
- The Relimetrics server quality audit system video

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RF CONTROLS
IDENTIFY • LOCATE • TRACK™

RF Controls Overhead CS Smart Antennas for Battery-Free RFID Based Real-Time Location

Solution Overview

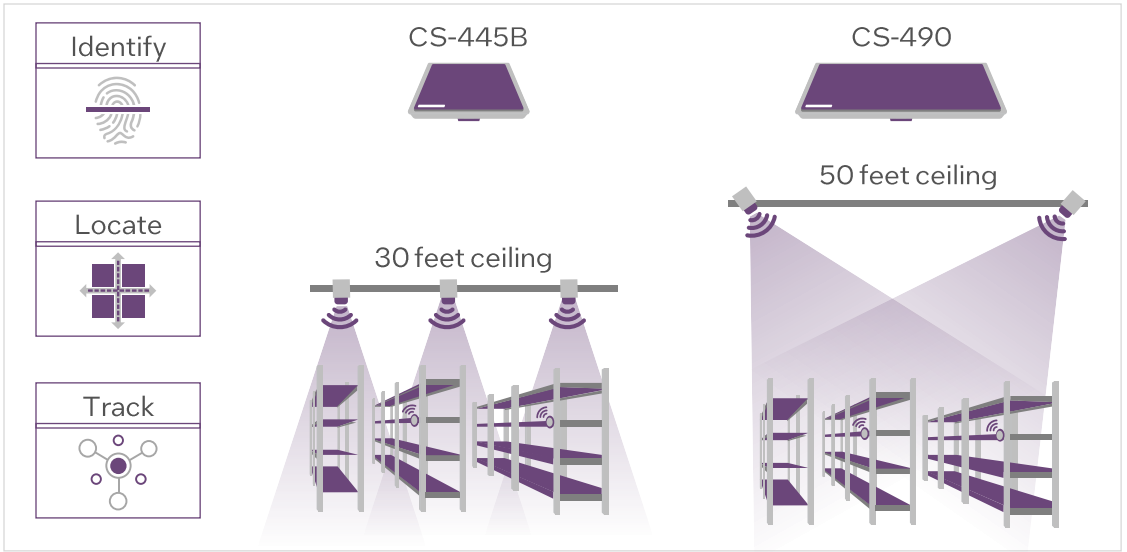
The RF Controls solution is an innovative and easy-to-install all-in-one RFID reader and bi-directional steerable phased array antenna. It delivers 2D or 3D pinpoint locational accuracy via a continuous stream of data to identify, locate, and track existing low-cost battery-free RFID tags. The solution enables a digital twin to bridge the supply chain IoT gap while reducing human error, delays, and inefficiency.

Value Props

- Increase asset productivity by gaining insights into the operations of your warehouse inventory, equipment, people, and processes
- Improve inventory management and loss prevention by monitoring in real-time products, visualizing aging stock dwell time, and more
- Achieve higher ROIs by increasing accuracy of tasks and product movements and quickly identifying errors, exceptions, compliance and employee training

Intel Components

Intel® NUC



Target Vertical: Transportation

Secondary Verticals: Logistics & Smart Warehouse; Smart Factory, Freight, Retail Store & Distribution (POS + EAS), Returnable Transport Items, Cross-Docking

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Control Optimization & Autonomy; Environment Monitoring; Interactive Media; Logistics & Tracking; Situational Monitoring

Geo Availability
Available in the United States, United Kingdom, Canada, Mexico, Europe, India, and Australia

Learn More
- RF Controls Website
- RF Controls Product Demo

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RonPos - OnPrem Manageability System for Fuel Convenience Stores

Solution Overview

The RonPos OnPrem Manageability System for Fuel Convenience Stores solution is a cloud-based Point of Sale solution fuel convenience store retailers to provide better customer service and experiences and stay competitive in an evolving market impacted by a worldwide lockdown and the rising popularity of electric vehicles. The solution allows gas station and c-store operators to gain better business insights and manage inventories, sales reports, cash flow, customer purchase trends, and more in one open hardware platform with minimal support costs.

Value Props

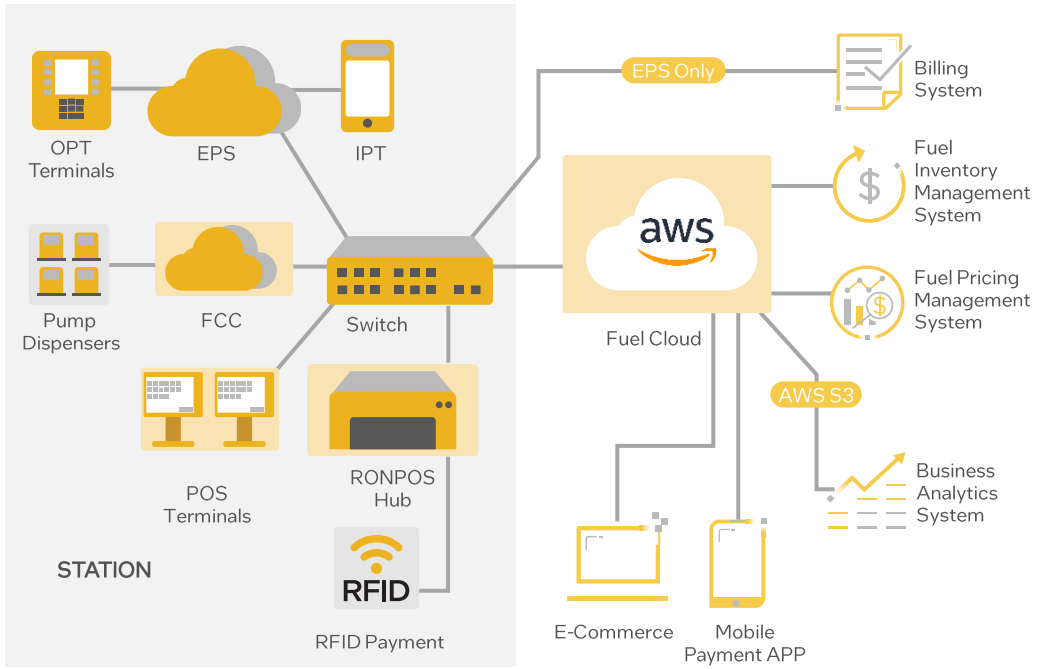
Enhance user experience and help improve customer retention with an easy-to-use, highly-intuitive POS system that integrates seamlessly to systems for payment, loyalty rewards, and other features.

Low relative total cost of ownership with a hardware-agnostic platform that does not require software licenses or large upfront CAPEX

Scale without disruption by adding more POS and sales terminals easily via the compact RONPOS HUB as needed to support different use cases at the fuel station

Intel Components

- Intel® NUC
- Intel® Core™ i5 processors



Target Vertical:
Energy

Secondary Vertical:
Retail

Target Use Case:
Asset & Operations Optimization

Secondary Use Cases:
Control Optimization & Autonomy, Logistics & Tracking

Geo Availability:
APJ, Americas, EMEA

Learn More:
- RONPOS Solution Website

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SCHOOLNET
LEARNING FOR LIFE

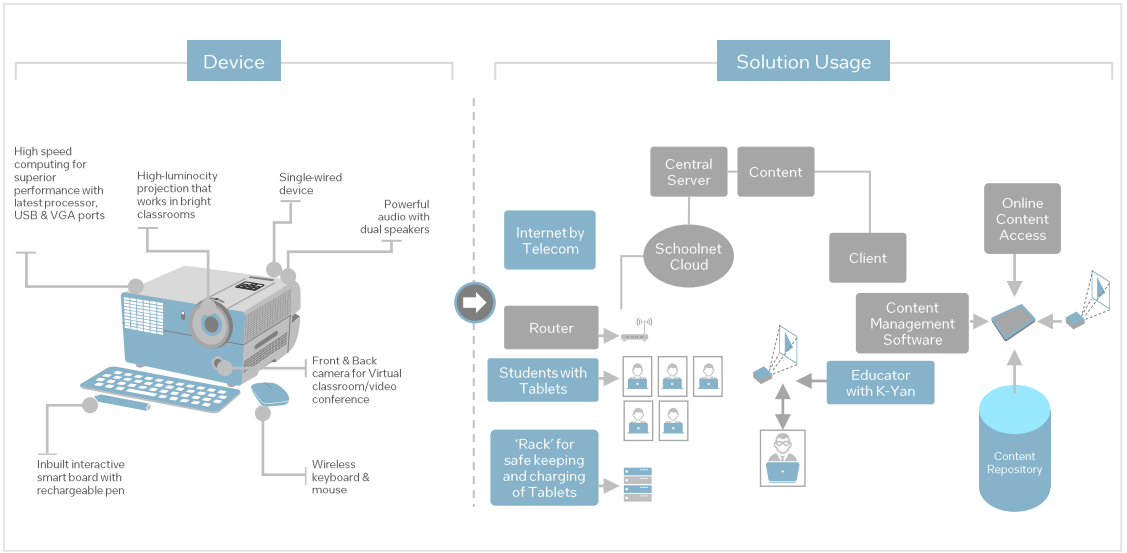
Schoolnet India Limited
K-Class Powered by K-Yan

Solution Overview

Schoolnet K-Class Powered by K-Yan is an end-to-end, portable, and Plug-n-Play digital smart classroom solution. Utilizing a blended learning approach with traditional classroom and multimedia technology, the Schoolnet K-Yan converts any surface to an interactive board using IR technology pre-loaded with digital curriculum content for many different subjects for a more engaging and interactive educational environment.

Value Props

- Enhance learning experiences with a solution that utilizes cutting edge technology to create a more engaging learning environment for students
- Modernize educational environments through a solution that enables more connectivity and scalability as technology-based education continues to progress and develop
- Reduce costs with a budgeted single unit, mobile device that can serve multiple locations and be used as a community computer



Intel Components

Intel® Core™ i3, i5 and i7 Processors

Target Vertical: Education

Secondary Verticals: Banking/Financial Services, Gaming & Entertainment, Government, Retail

Target Use Case: Interactive Media

Geo Availability
India, Middle East, North Africa and Turkey, Sub-Saharan Africa

Learn More

- Schoolnet Website
- Schoolnet K-Yan Webpage

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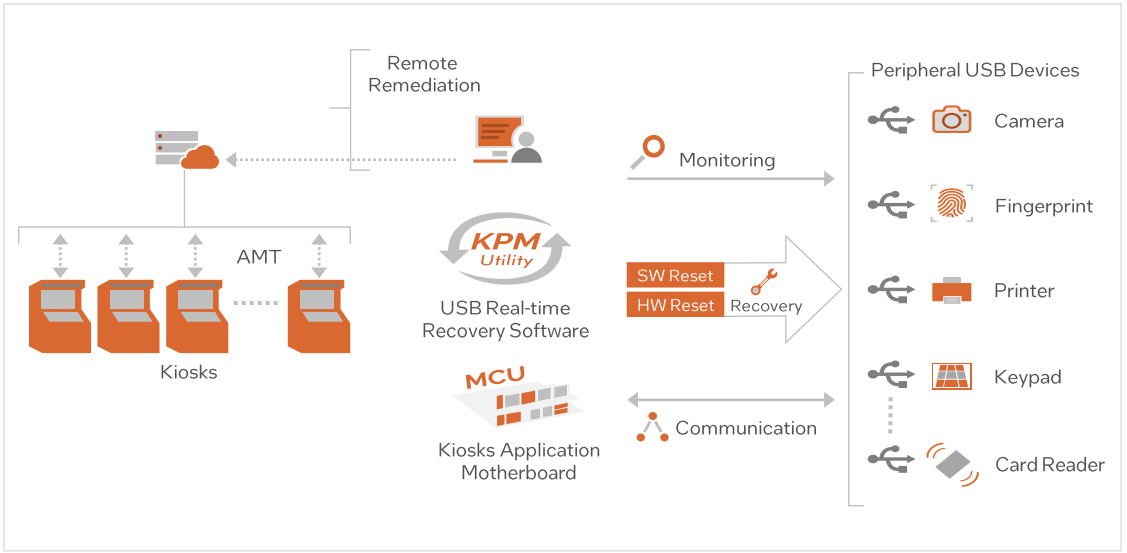
Seavo Kiosk Peripheral Management and USB Auto-Recovery

Solution Overview

The Seavo Kiosk Peripheral Management and USB Auto-Recovery solution helps users detect and remotely fix peripheral failures in a timely manner, thereby significantly reducing device failure probability and maintenance costs. The solution is a motherboard and software package that can be directly integrated into kiosk system designs.

Value Props

- Decrease failure rates and downtime, and provide users with more stable self-service support
- Reduce maintenance costs, and lower the frequency of on-site repair and maintenance with remote management capabilities
- Enhance kiosk versatility and offer a range of performance options for kiosk customers including quality visual applications



Intel Components

- Intel® KPM Utility
- Intel® Celeron® processors
- Intel® Core™ i7 processors
- Intel® Core™ i5 processors
- Intel® Core™ i3 processors

Target Vertical: Retail

Secondary Verticals: Banking/Financial Services; Government; Health & Life Sciences; Hospitality

Target Use Case: Machine Condition Monitoring

Secondary Use Cases: Asset & Operations Optimization; Control Optimization & Autonomy

Geo Availability

South Korea, Taiwan and the People's Republic of China

Learn More

- Seavo - Intel® Solutions Marketplace
- Seavo Technology Website

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Sertek All-in-One AI NVR

Solution Overview

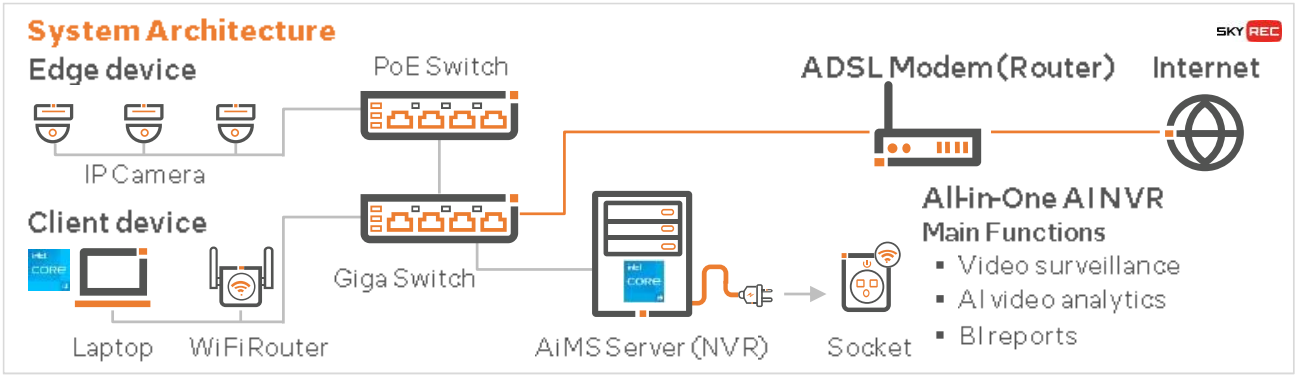
All-in-One AI NVR is a video analytics solution that helps businesses better understand their customers by analyzing shopper behaviors in physical stores. This solution collects data from video cameras installed in stores and analyzes it using AI algorithms. The analyzed data provides the management team with insights into customer behaviors, such as how long customers stay in the store, which products they are interested in, and how they interface with products and the space. This information helps business owners optimize their store layout, develop display strategies, and create marketing initiatives that improve customer experience and drive sales.

Value Props

Improve store layout with automatically generated insights on where customers move and loiter within the store

Enable targeted marketing with enhanced understanding of what type of products different demographic segments prefer

Enhance customer experience by recognizing regular customers and automatically generating online shopper profiles for customers



Intel Components

- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® Core™ i7 processors

Target Vertical: Retail

Secondary Vertical: Education, Government, Hospitality and Restaurants, Manufacturing, Transportation and Warehousing

Target Use Case: Situational Monitoring

Geo Availability
APJ, Americas, EMEA, People's Republic of China

Learn More
- All-in-One AI NVR Solution Product Page

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Sertek EZcon Smart Building System

Solution Overview

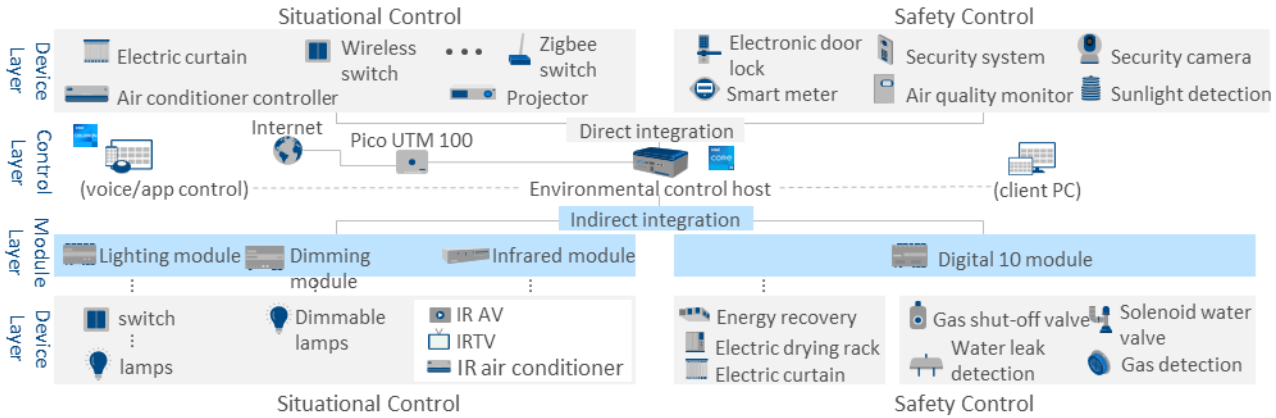
Companies are continuously searching for ways to simplify their building management by automating environment control systems across all their disparate equipment. Sertek's EZcon Smart Building system helps businesses achieve this goal by integrating control applications onto one operational window and automating core functions. Integrated hardware and software enables end users to monitor and control their environments with a tap of a touchscreen. The system can regulate door locks, lights, indoor temperature, and more both from its mobile interface or via automatic decision making. For example, the system automatically closes blinds if sunlight exceeds 20,000 lux and turns off lights if no one is present in a room. The Smart Building System recognizes users and permits entry to approved people, saves energy by eliminating unnecessary usage, and monitors environments to ensure they are safe and protected from gas leaks or other hazards.

Value Props

Increases security through the implementation of facial recognition to permit entry and remote control of locks and cameras

Enhances safety and environmental monitoring of air quality temperature, moisture, gas leaks and electrical failures, with the ability to immediately turn off gas lines or electrical circuits remotely

Simplifies daily operations by providing control of a house or offices appliances and switches via mobile app or mounted touch screen



Intel Components

- Intel® Core™ i5 Processors
- Intel ® Celeron ® Processors

Target Vertical:
Hospitality

Secondary Vertical:
Education, Retail

Target Use Case:
Asset and Operations Optimization

Geo Availability
Asia, Pacific and Japan

Learn More
- Solution: WPG IoT
- Solution Website (wpgholdings.com)

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SEAVO | 信 | 步 | 科 | 技 | SEAVO TECHNOLOGY

Seavo Real-Time Face Recognition Gate Access Control

Solution Overview

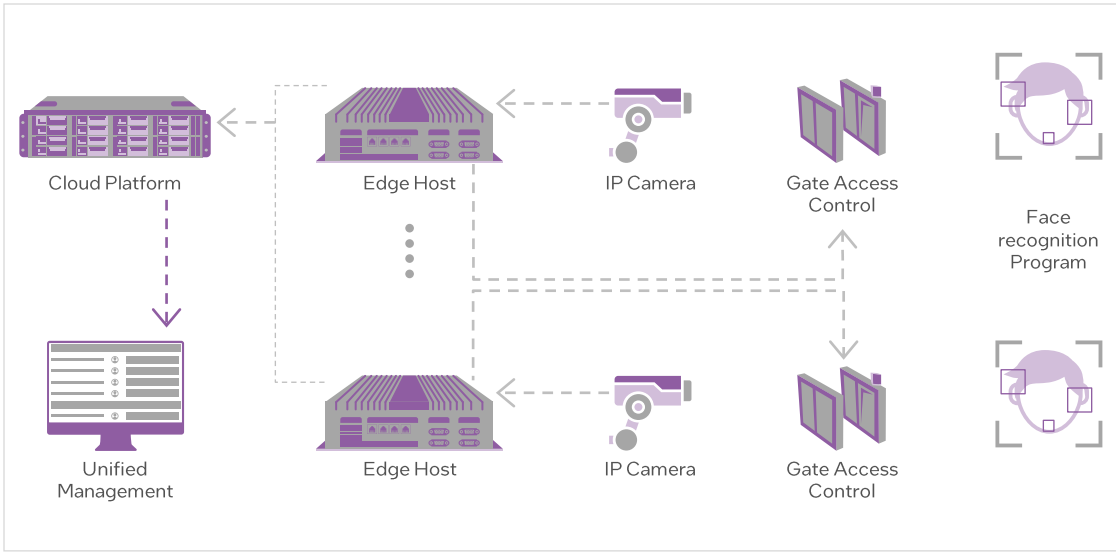
The solution consists of a Face Recognition Host on an edge device connected to an IP Camera that gathers facial images. The Face Recognition Host enables real-time facial detection and identification at the network edge and supports gate access control and preemptive threat warnings.

Value Props

- Decrease overhead by reducing labor costs and eliminating redundancies
- Streamline security with smart, connected technologies automating safety procedures
- Enhance performance by integrating the solution into current systems at scale

Intel Components

- Intel® Xeon®
- Intel® HD graphics
- Intel® Core™ i5 and i7
- IP Telephoto HD Camera
- Real-Time Face Recognition program
- Unified Management web system



Target Vertical: Government
Secondary Verticals: Retail, Banking/Financial Services, Hospitality, Education, Health & Life Sciences

Target Use Case: Situational Monitoring
Secondary Use Cases: Product Inspection

Geo Availability
China

Learn More

- Seavo Real-Time Face Recognition Gate Access Control solution brief
- Seavo Real-Time Face Recognition Gate Access Control product webpage

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sewio in partnership with INGRAM MICRO IoT

Sewio Real-Time Location System

Solution Overview

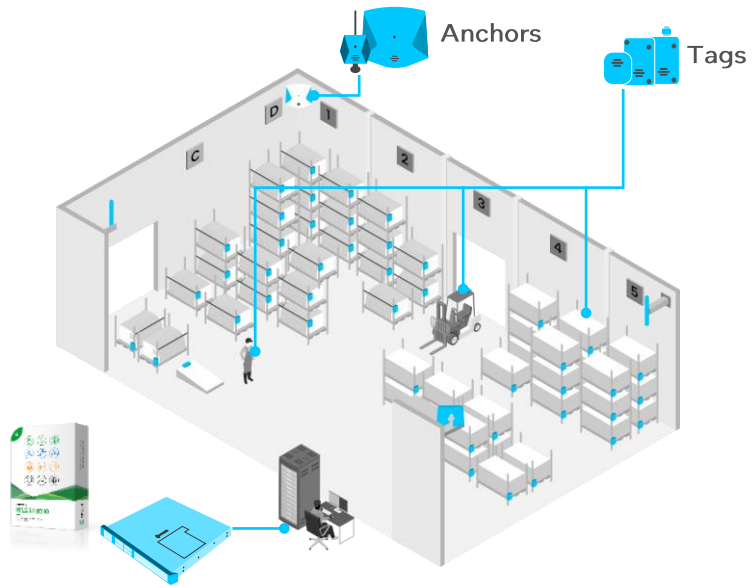
On a factory floor, there are numerous moving parts – from work-in-progress material and personnel to machinery and vehicles. Having poor visibility into high-traffic zones lead to bottlenecks, delays, system downtimes, and even workplace accidents. Implementing Sewio's Real Time Location System (RTLS), a precise indoor tracking system that uses Ultra-wideband (UWB) technology to help manufacturers track the movements of material and other assets on the factory floor with up to 30 cm accuracy[1]. By leveraging this accuracy, Sewio RTLS can help generate key actionable insights, automate mission-critical safety workflows, optimize factory floor movement, and improve factory floor operational efficiency, leading to an increased production output.

Value Props

Increase factory floor transparency by gaining visibility into all on-site processes and generating actionable insights from real-time and historical data

Optimize asset utilization to improve Overall Equipment Effectiveness (OEE), while improving operational efficiency and production output

Improve workplace safety with tags on all personnel, machinery, and vehicles to identify potential hazards and prevent accidents



RTLS Studio + Intel Server

Intel Components

- Intel® Xeon® processors

1. Sewio RTLS Webpage

Target Vertical:
Manufacturing

Secondary Verticals:
Retail, Transportation and Warehousing

Target Use Case:
Asset and Operations Optimization

Secondary Use Cases:
Control Optimization & Autonomy, Logistics & Tracking, Machine Condition Monitoring, Situational Monitoring

Geo Availability
Europe, Asia, Pacific, Americas, Middle East

Learn More
- Sewio RTLS

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Shandong Extreme Vision Open Kitchen Solution

Solution Overview

The Shandong Extreme Vision Open Kitchen Solution leverages artificial intelligence to automatically analyze images from cameras located in food production sites and generates real-time alerts when an issue or protocol breach is detected. Incidents/breaches can include employees not wearing proper protective equipment, employees smoking, vermin detected, or any number of additional customized events. The solution also keeps all recordings so managers can implement data-driven insights to improve food production processes and help clarify employee responsibilities.

Value Props

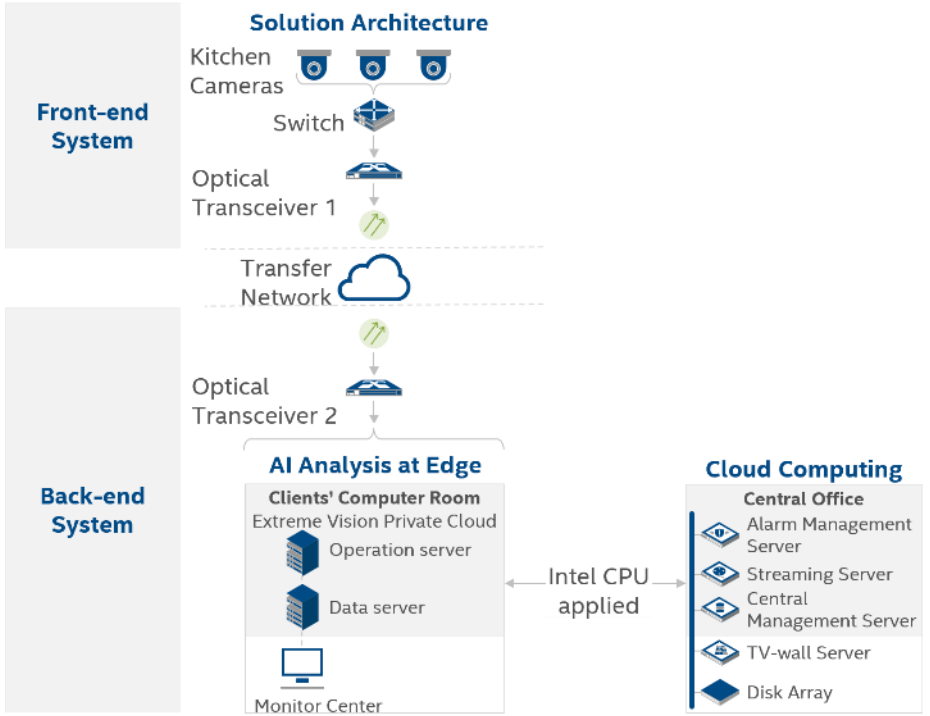
Improve operational efficiency by leveraging AI to automate video analysis tasks and the sending of notification alerts to kitchen supervisors to increase monitoring efficacy, decrease human error, and improve food production efficiency.

Increase consumer trust by helping ensure kitchen staff are properly adhering to food safety regulations, enabling customers to track the sources of their food, and ultimately improving the consistency of products.

Reduce labor costs by decreasing the number of supervisors needed to perform 24/7 monitoring of images collected from food production sites and providing data-driven insights so managers can implement more cost-effective practices.

Intel Components

- Intel® Celeron® Processors
- Intel® Core™ i7 Processors
- Intel® Distribution of OpenVINO™ Toolkit



Target Vertical:
Hospitality

Secondary Vertical:
Retail

Target Use Case:
Asset & Operations Management

Secondary Use Cases:
Environmental Monitoring and Control Optimization & Autonomy

Geo Availability
People's Republic of China

Learn More
Shandong Extreme Vision Website

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极视角 EXTREME VISION

Shandong Extreme Vision Co., Ltd. Smart Community AI Solution

Solution Overview

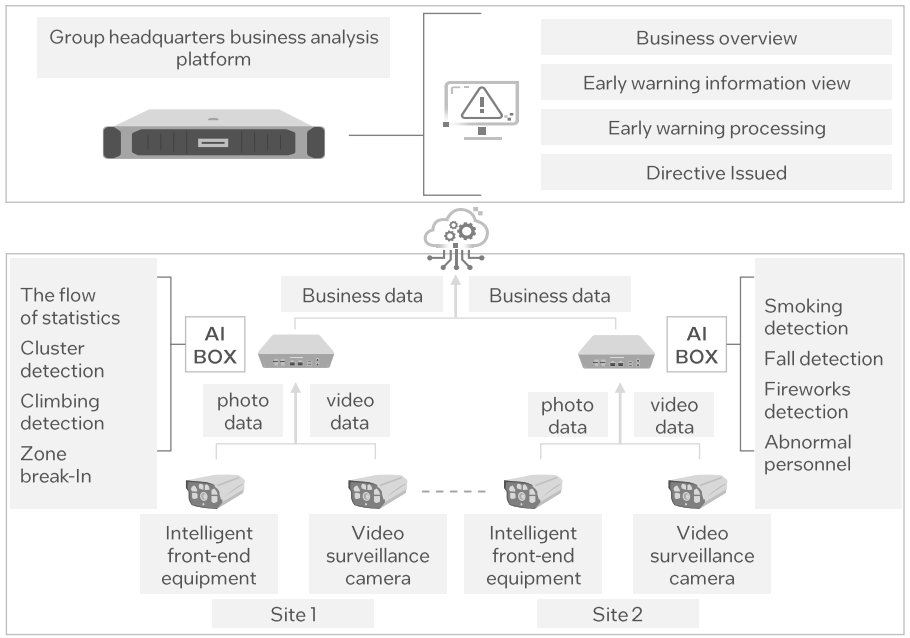
The Smart Community AI Solution is a customizable, intelligent video management solution for smart community scenarios in different industries, such as manufacturing and government . Unlike traditional systems which rely on manual data management, the solution uses AI-based data governance and analysis to provide business process insights, empowering communities and businesses seeking to embrace smart operations.

Value Props

Optimize operational efficiency by leveraging customizable AI algorithms to provide data-driven insights in a unified view for faster action

Reduces labor burden with an automated system that eliminates the need for manual data retrieval and management

Help improve with intelligent video analytics capabilities and real-time automatic alerts of incidents or improper or unsafe conduct



Kit Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Manufacturing

Secondary Verticals:
Government, Hospitality and Restaurants, Retail

Target Use Case:
Control Optimization & Autonomy

Secondary Use Case:
Asset & Operations Optimization

Geo Availability
PRC, APAJ

Learn More
- Solution Webpage

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极视角 EXTREME VISION

Shandong Extreme Vision Co., Ltd. Smart Factory AI Solution

Solution Overview

The Extreme Vision Smart Factory AI Solution is a multi-source monitoring system that provides real-time operational and safety monitoring. The solution uses AI computer vision technologies and algorithms, to achieve all-around and non-dead-angle monitoring and control of a factory's production floor.

Value Props

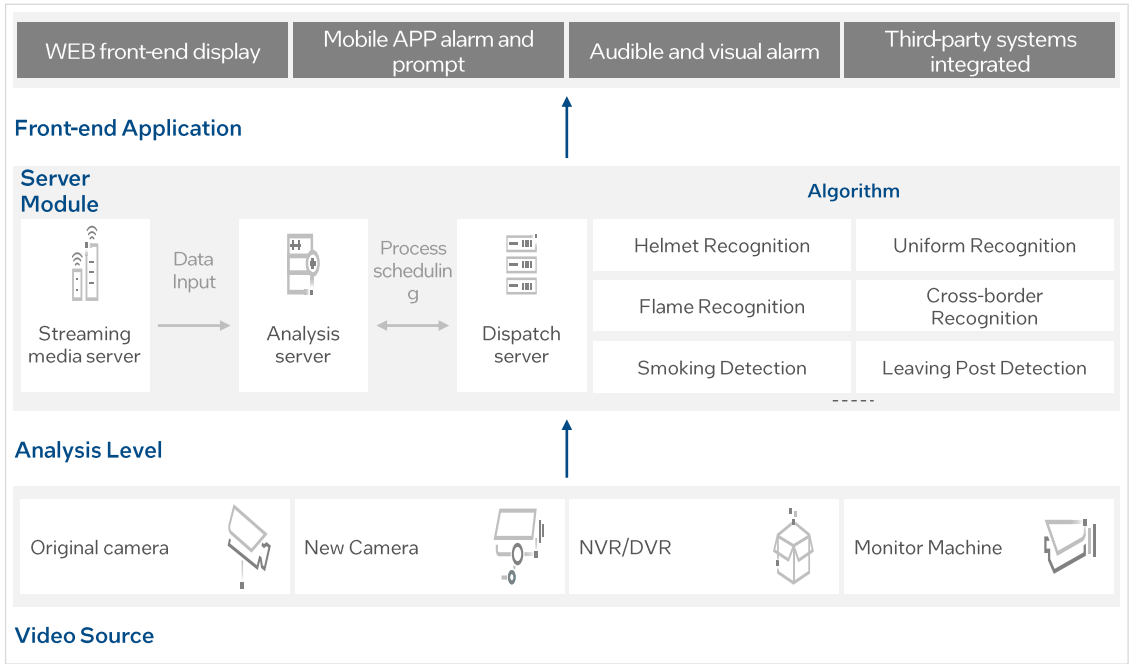
Improve workplace and worker safety with a solution that helps track unsafe working behaviors and conditions

Increase operational efficiency with real-time actionable notifications from the production floor

Reduce operational costs by delegating hired personnel to other non-security and safety tasks

Kit Components

- Intel® Core™ i3 Processors
- Intel® Core™ i7 Processors
- Intel® Xeon® Scalable Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Video AI Box
- Intel® Extension for Tensor Flow
- Intel® DevCloud



Target Vertical:
Manufacturing

Secondary Vertical:
Energy

Target Use Case:
Control Optimization & Autonomy

Secondary Use Case:
Energy Monitoring & Management

Geo Availability
APAJ, PRC

Learn More
- Extreme Vision Website
- Extreme Vision - Algorithm Store

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Shandong Extreme Vision Co., Ltd. Smart Retail AI Solution

Solution Overview

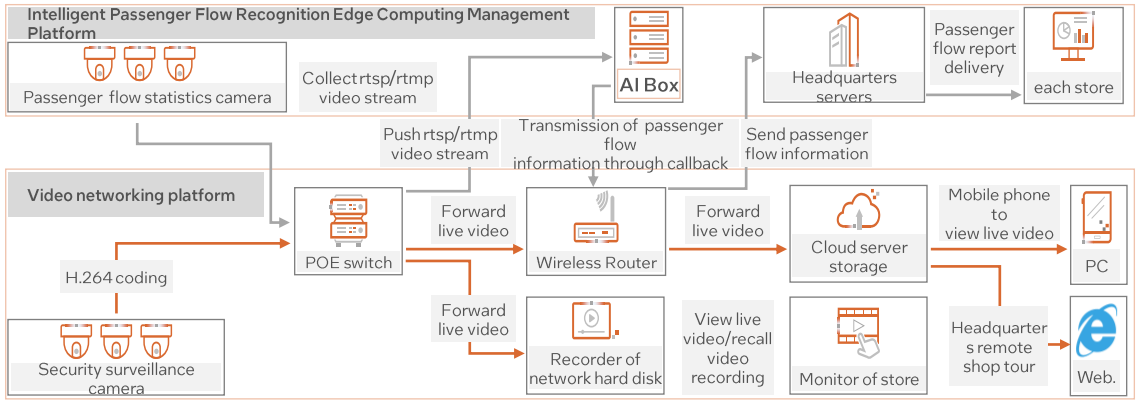
The Shandong Extreme Vision Tech Smart Retail AI Solution, powered by Intel processors and optimized on The Intel® Distribution of OpenVINO™ Toolkit, is a computer vision AI solution that leverages retail stores camera systems to analyze visual data such as customer demographics, clothes preference, store hot spots, and more to deliver actionable insights that help store managers with strategic decision making.

Value Props

Increase revenue by driving sales with personalized shopping experiences utilizing customer data insights, such as product preferences

Improve in-store shopping experience by leveraging insights to optimize store layouts and inventory to meet customer demand

Optimize store management by fine-tuning processes and maximizing employee productivity with store and staff management data



Kit Components

- Intel® Core Processors
- Intel® Xeon® Scalable Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Extension for Tensor Flow
- Intel® DevCloud

Target Vertical:
Retail

Secondary Vertical:
Transportation and Warehousing

Target Use Case:
Control Optimization & Autonomy

Secondary Use Case:
Logistics & Tracking

Geo Availability
PRC, APAJ

Learn More
- Extreme Vision Website
- Extreme Vision - Algorithm Store

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极视角
EXTREME VISION

Shandong Extreme Vision Smart Traffic Violation Review Solution

Solution Overview

The Extreme Vision Smart Traffic Violation Review System utilizes Artificial Intelligence to analyze, process, and categorize up to 50,000 traffic images per day. It automatically recognizes violations and incidents and sends related information to an easy-to-use management system. With a flexible design and system that reduces opportunities for human error, the solution helps ensure consistent protocols in a diverse set of use cases.

Value Props

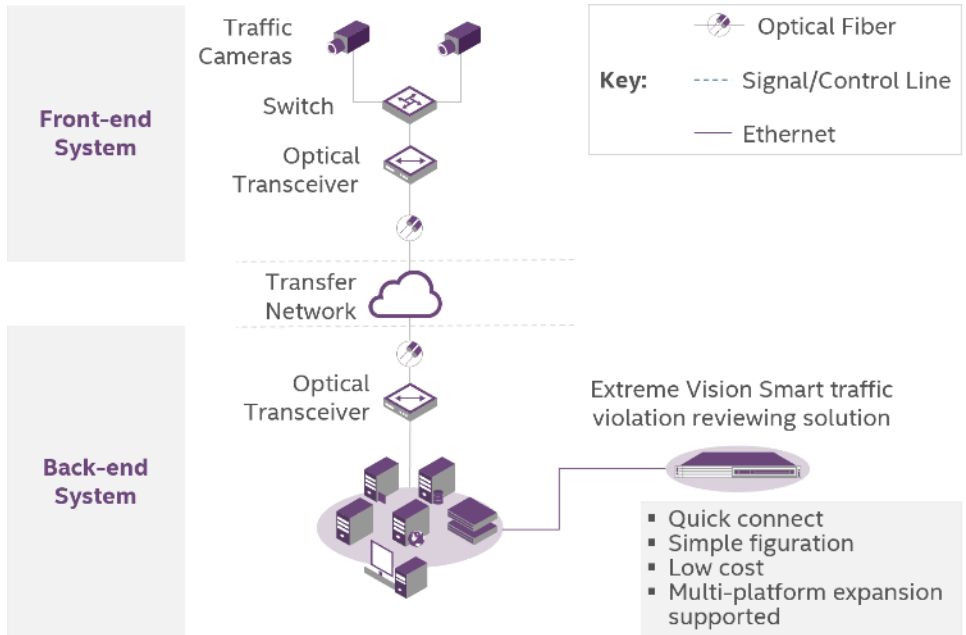
Improve detection accuracy by harnessing AI to intelligently analyze traffic images and implement customized solutions with standardized protocols to reduce judgment inaccuracies and decrease human errors

Save time by leveraging the AI-powered computer image algorithm to efficiently analyze, classify, and remove invalid images

Reduce labor costs by decreasing the amount of hired personnel needed to perform 24/7 monitoring and analyzation of traffic images and effectively execute the appropriate responses

Intel Components

- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ Toolkit



Target Vertical:
Transportation

Secondary Verticals:
Government, Manufacturing

Target Use Case:
Situational Monitoring

Geo Availability
People's Republic of China

Learn More
Shandong Extreme Vision Website

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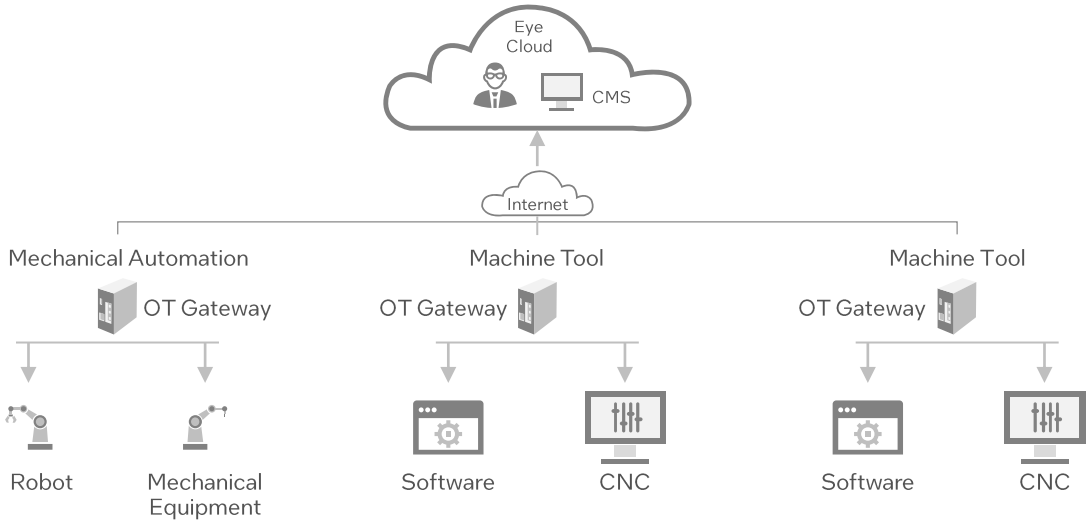
ShareTech Information OT Security Solution

Solution Overview

The ShareTech OT Security Solution protects the network security of the OT environment. To prevent and intercept a network vulnerability from being exploited, the OT security solution uses virtual patches and implements code reviews regularly. Additionally, this solution includes advanced settings to avoid invasion.

Value Props

- Help secure the OT environment with multiple layers of defense including OPC intrusion prevention, industrial protocol support, and big data analytics
- Deploy and manage with ease using quick installation settings, instant alarm notifications, and USB instant recovery
- Enhance visibility by leveraging big data analysis, big data learning, and virtual patch to surface vulnerabilities



Intel Components

- Intel® Celeron® Processors
- Intel® i211 Ethernet Controller
- Intel® HD Graphics 500

Target Vertical: Manufacturing

Secondary Vertical: Health & Life Sciences

Target Use Case: Asset & Operations Optimization

Geo Availability

Available in Taiwan

Learn More

- ShareTech home page
- OTS Series (sharetech.com.tw)

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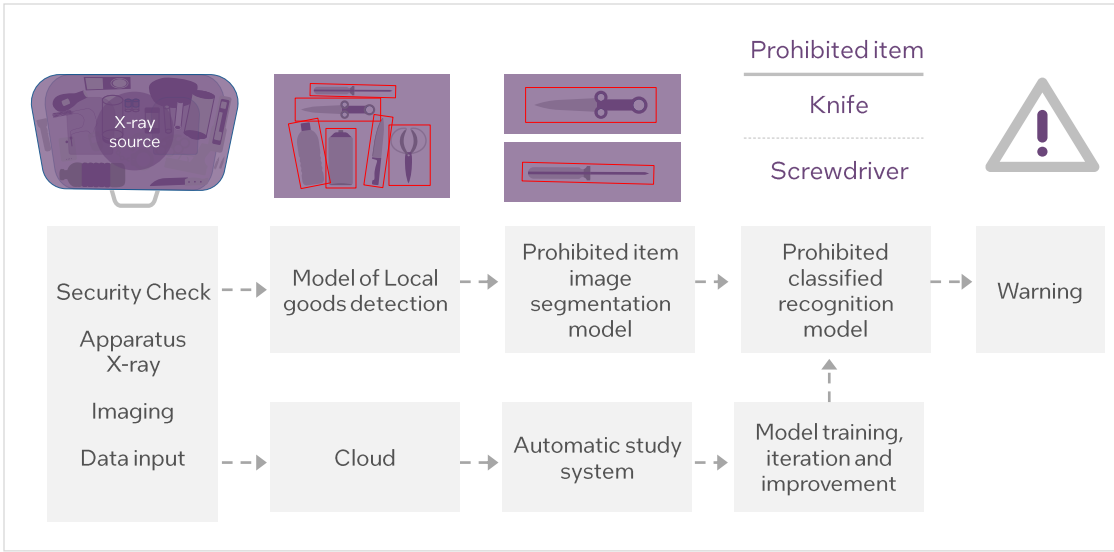
Shenzhen Extreme Vision Intelligent Security Check

Solution Overview

The Extreme Vision Intelligent Security Check Solution improves the safety of airports, transit centers, government buildings and other public spaces that require security inspection by identifying potentially dangerous contraband.

Value Props

- Improve accuracy of security inspections
- Deploy quickly and effectively with a solution that can be deployed within just one hour
- Reduce security line wait-times with a fast analysis speed



Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Solid State Drives
- Intel® Core™ i3 processor

Target Vertical:
Transportation

Target Use Case:
Situational Monitoring
Secondary Use Case:
Product Inspection

Geo Availability
Available worldwide

Learn More

- The Extreme Vision Website

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Shenzhen Genew Intelligent Technology Multifunctional Smart LightPoles

Solution Overview

The future of the light pole is not only in lighting, but also in providing a communication and computing hub for smart cities. With the development of smart poles, Genew Intelligent aims to build a perception layer at the city level and enhance data gathering on traffic, climate, pollution, public facilities status and more. Through data filtering, data analysis, and data fusion, smart poles will assist governments in city-level decision-making provide commercial services to enterprise and public services to citizens. Smart poles can also function as distributed computing edge nodes, allowing many low latency applications to be widely deployable through network connections, on kiosks or through multi-media displays.

Value Props

Enables decision making and information visualizations with advanced analytics on climate, traffic, pollution, public infrastructure monitoring and more

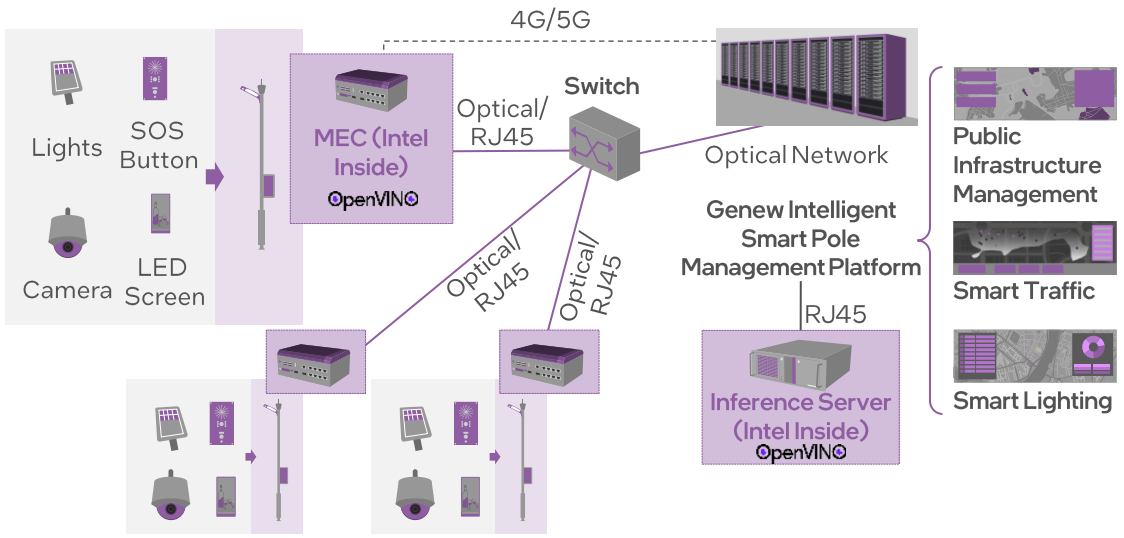
Enhances network and edge capabilities for entire cities with proliferation of 5G cells, Wi-Fi hotpots , and edge computing nodes

Automates and optimizes smart city operations with integrated modules and algorithms for smart lighting, traffic signal regulation, LED advertising, and facilities status monitoring

Intel Components

- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® Core™ i7 processors
- Intel® Distribution of OpenVINO™ Toolkit

Solution Diagram



Target Vertical:
Government

Secondary Vertical:
Energy

Target Use Case:
Environmental Monitoring

Geo Availability
Europe, Middle East, Africa, People's Republic of China

Learn More
- 首页 | Genew Intelligent (gnaiot.com)

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JHCTECH

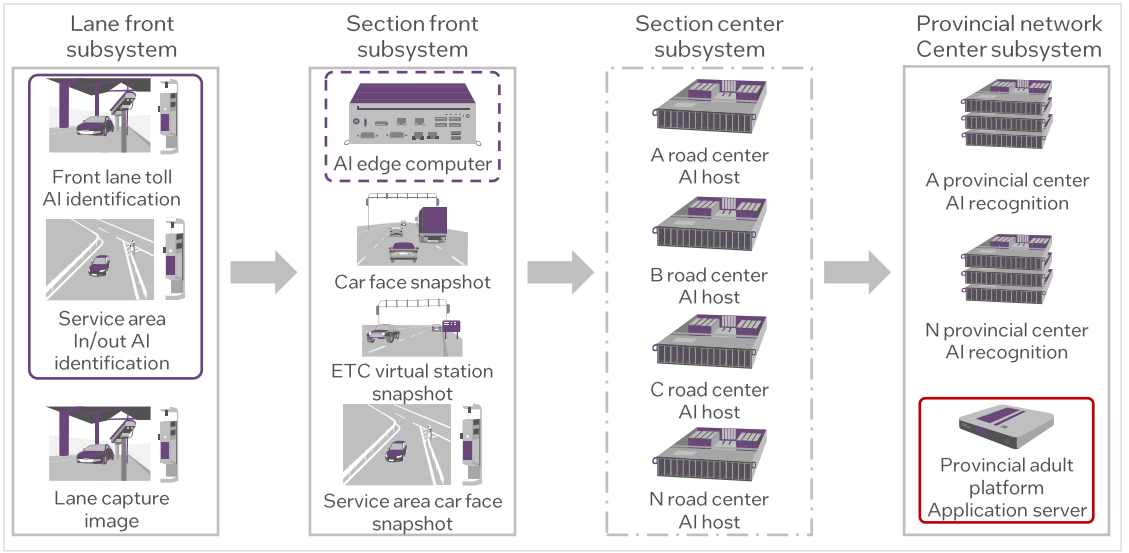
Shenzhen JHCTECH Road Pricing Inspection System

Solution Overview

The JHCTECH Road Pricing Inspection System assesses and manages tolls for passing vehicles and detects vehicle violations. Detectable violations can include illegal modification, missing or obstructed vehicle registration, and oversized or overweight vehicles. The system then automatically flags offending vehicles and charges any corresponding fees or penalties.

Value Props

- Maintain traffic flow and efficiency by eliminating slops for manual inspection
- Quickly and accurately assess and distribute fees, minimizing processing time and expense
- Create safer roads with immediate response to offending vehicles and driver actions



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel Atom® Processors
- Intel® Core™ Processors
- Intel ® Movidius® MA2485 VPU

Target Vertical: Transportation

Target Use Case: Logistics & Tracking

Geo Availability

- Hardware and software are available internationally
- JHCTECH-provided support is available within PRC

Learn More

- JHC Technology Homepage

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Shenzhen SED Initta Intelligent POS Solution

Solution Overview

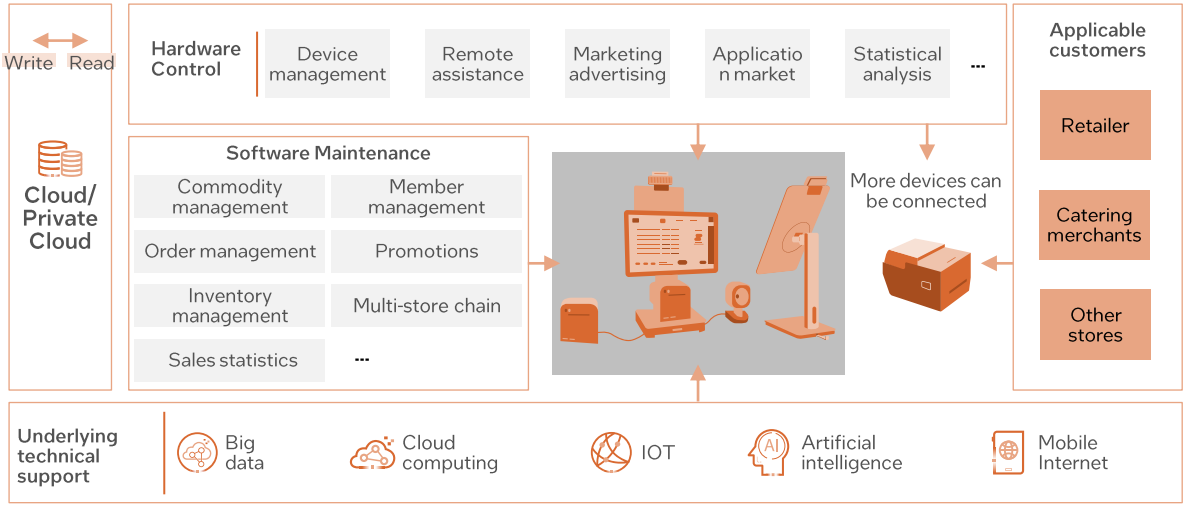
Through its modular design, the Intelligent POS is deployed with 10.1 or 15.6 inch displays and customized to fit a wide range of floor plans and business needs. Depending on the integration, other hardware such as the integrated facial-recognition scanner, card reader, other frictionless payment scanners, and receipt printers may also be installed. All hardware is then linked to SED's specialized software. All data is captured at the edge during the user-interface and facial recognition data is provided a safe means of transmission for user protection. This data is then ported to on-premise or off-premise cloud storage where it is further secured and analyzed by the Shenzhen SED software, and can be used to help businesses manage promotions, distribute advertising, alert associates for customer assistance, and provide a wide range of helpful analytics.

Value Props

Deliver excellent customer experiences through a modular combination of hardware capable of improving customer experience by meeting a wide range of customer needs

Streamline in-store operations through hardware and software solutions that connect customers with assistance and helps employees prioritize time

Minimize the costs of retail business digital transformation by reducing expenses through a system designed for seamless integration, scalability, and durability



Kit Components

- Intel® Core™ processors
- Intel® Atom® processors
- Intel® Celeron® processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Retail

Target Use Case:
Interactive Media

Geo Availability
APJ, Americas, Europe, Middle East, Africa, and People's Republic of China

Learn More
- Initta Website
- SED Initta Intelligent POS Video
- SED Initta Intelligent POS Solution Page

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Shinsegae I&C Spharos Cloud POS

Solution Overview

Retailers have long struggled with traditional POS systems that lack features and customization, require complex management, have weak data security, and often come with high development, maintenance, and repair costs. The Spharos Cloud POS from Shinsegae I&C addresses these challenges and streamlines retail operations by providing a highly customizable solution that seamlessly integrates POS systems with a wide range of devices and services like mobile order apps, kitchen display systems (KDS), direct information display (DID), kiosks, and vending machines. This innovative solution allows users to personalize their POS by selecting functions from a wide range of value-adding cloud services and empowers businesses with real-time customer data collection, sales monitoring, and CRM integration which power advanced reporting and analytics. Further, the Spharos Cloud POS leverages this data to provide actionable insights that help businesses optimize business operations, enhance service, and provide an unparalleled customer experience.

Value Props

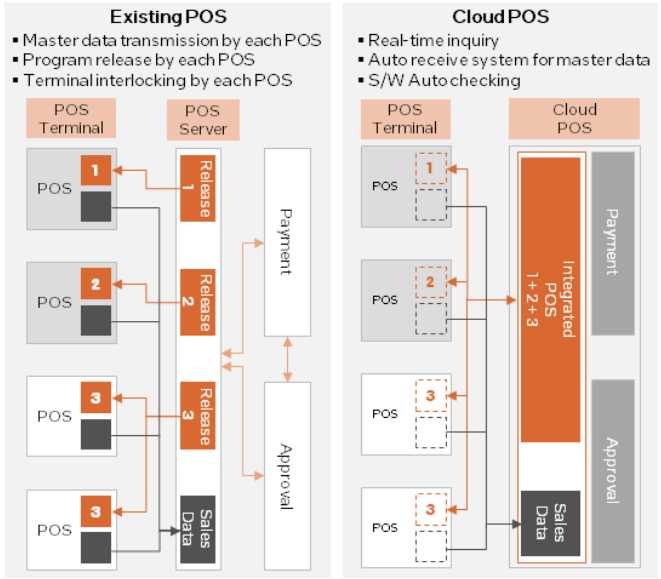
Improve user experiences with a personalized POS system that allows retailers to hand-select features they wish to use and disable features they don't to streamline POS operations and improve functionality.

Economically operate a wide-range of equipment by integrating POS, self-checkout, and kiosk, functions into tablets and mobile devices that support the deployment of new payment methods without additional development.

Gain valuable insights with CRM integration that collects data to provide information about customer behavior, preferences, and purchasing patterns to enable informed business decisions.

Intel Components

- Intel® Core™ i3, i5, i7 processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Ethernet Controllers
- Intel® Media SDK



Target Vertical:
Retail

Secondary Vertical:
Hospitality and Restaurants

Partner Designated Verticals:
Food and Beverage, Franchising, Unmanned Stores

Target Use Case:
Situational Monitoring

Geo Availability
Asia, Pacific, Europe, Middle East, and North America

Learn More
- Explore Cloud POS solutions
- Contact us
- Learn more about SHINSEGAE I&C
- Visit the Spharos homepage

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SINDRAX®
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Sindrax Intelligent Gamified Kids (Pre-school) Education System

Solution Overview

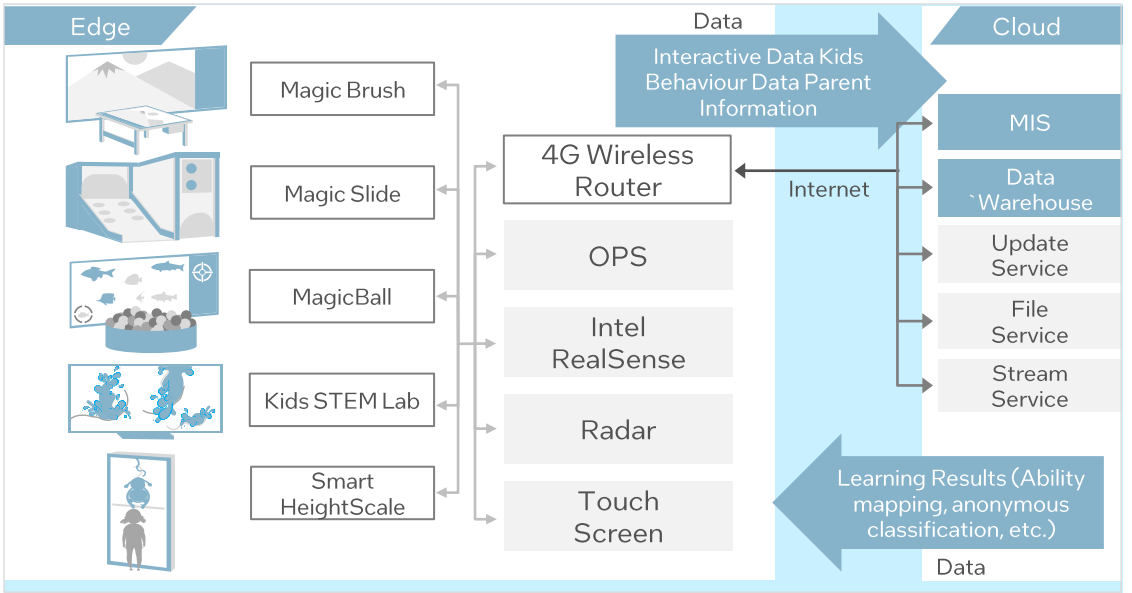
An array of digital interactive gamified education products for 2-6 year old kids. These solutions help transform traditional spaces into interactive learning opportunities.

Value Props

- Promote interactive learning by introducing children to immersive educational tools
- Track behavioral data to enable adaptive learning
- Create technological familiarity with digital activities and games that catered towards young minds

Intel Components

- Intel® Core™ i3 processors
- Intel® Pentium® processors



Target Vertical: Education

Secondary Verticals: Retail, Hospitality, Government

Target Use Case: Interactive Media

Geo Availability
PRC, Southeast Asia, Russia, North America, and Middle East

Learn More
- Sindrax Website

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SINDRAX®
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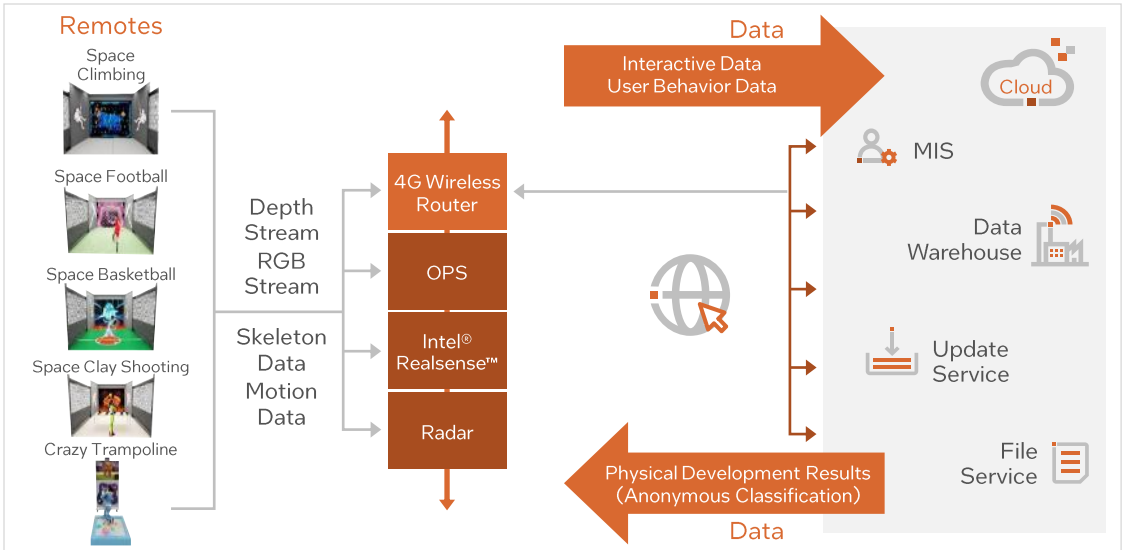
Sindrax Technology Interactive Multimedia Sports Game

Solution Overview

The Interactive Multimedia Sports Game Solution combines cutting-edge technologies such as motion sensor technology and interactive projection systems with traditional sports games to provide interactive recreation and community fun at play areas like trampoline parks and gyms.

Value Props

- Enhance multimedia performance with cutting-edge visual and kinetic technologies through an interactive projection system
- Increase player engagement through a gamified platform that digitizes traditional sports to inspire interest in physical activity
- Lower operational costs with a simple, single-time hardware installment and centralized content management system to support content upgrades with ease



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® RealSense™ Vision Processor

Target Vertical: Retail

Secondary Verticals: Education, Hospitality, Gaming & Entertainment

Target Use Case: Interactive Media

Secondary Use Cases: Situational Monitoring

Geo Availability

Globally

Learn More

- Sindrax Technology Solution Webpage
- Intel MRS Solution Documentation
- Solution Exhibition Information

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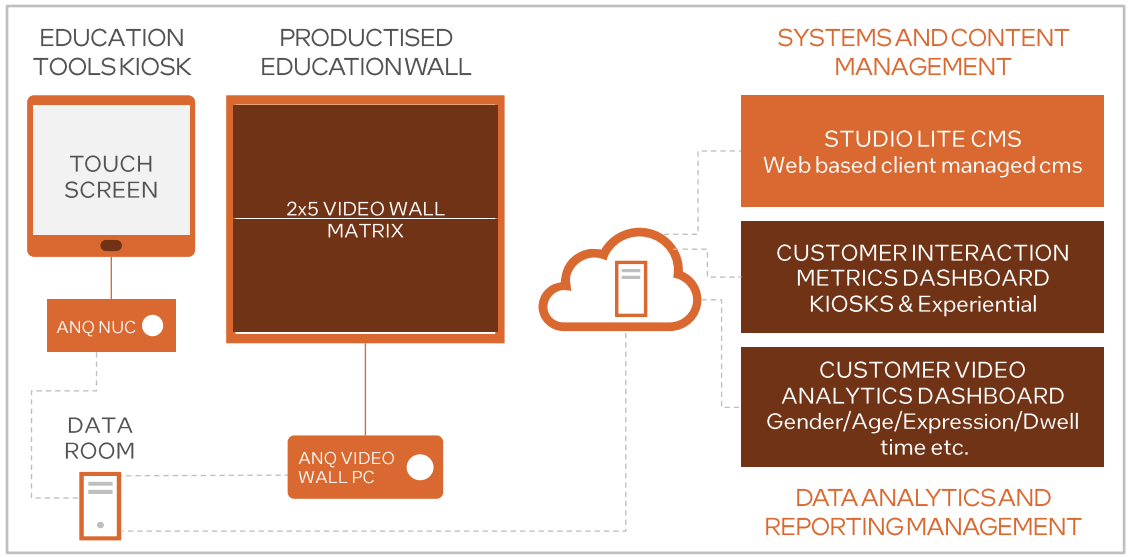
Skratch & ANQ Phygital Video Wall

Solution Overview

A customizable, immersive, and interactive advertising solution that creates engaging retail experiences that are able to collect data while enhancing the experience with dynamic display solutions to customize the experiences, blending the physical and digital worlds.

Value Props

- Tailor customer experiences with real-time actionable insights
- Reduce Operational overhead by creating an "endless aisle"
- Create captivating displays by blending physical and digital capabilities to entice and engage all customers



Intel Components

- Intel® Core™ i5 NUC
- Intel® Core™ i7 770k

Target Vertical: Retail

Target Use Case: Interactive Media

Geo Availability

Available in Americas, APAC, Australia/New Zealand & EMEA

Learn More

- Skratch AV Homepage

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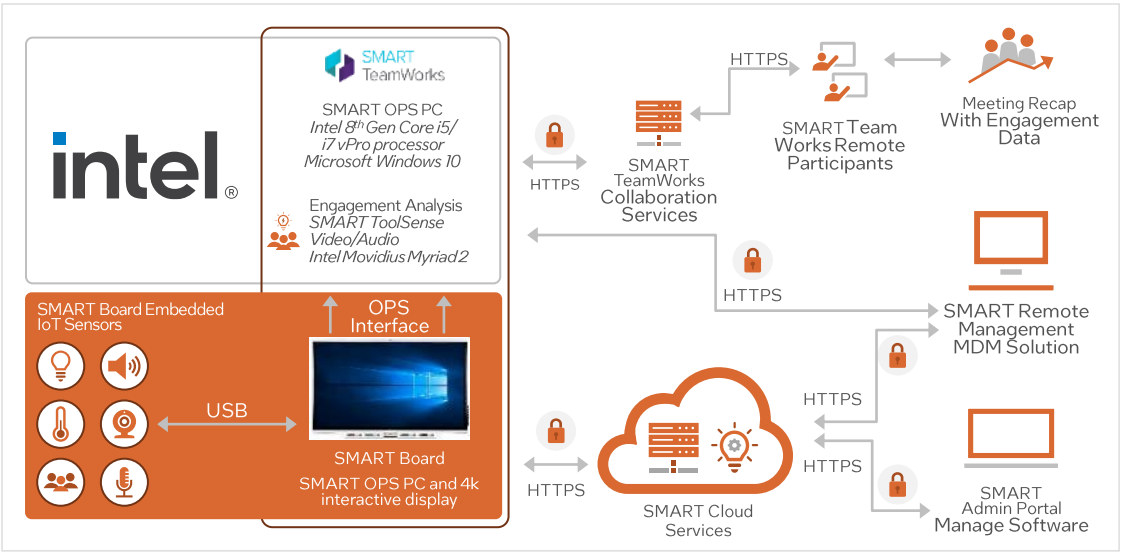
Smart Board Interactive Display with Smart Ops PC

Solution Overview

SMART Board Interactive Displays with SMART OPS PC provide a comprehensive and simple solution for remote collaboration and distance learning. SMART Board Interactive displays, remote device management, and SMART accessories help people stay connected, businesses maintain productivity, and schools enhance learning.

Value Props

- Transform your business by creating flexible, dynamic workplaces that empower people to collaborate
- Support remote operations for seamless user experiences
- Reduce implementation time with an intuitive interface that encourages quick adoption



Intel Components

- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors

Target Vertical: Retail

Secondary Verticals: Education; Government

Target Use Case: Interactive Media

Geo Availability

North America, LATAM, EMEA, APAC

Learn More

- New 7000R SMART Board Video
- SMART Teamworks Video
- New in SLSO Video

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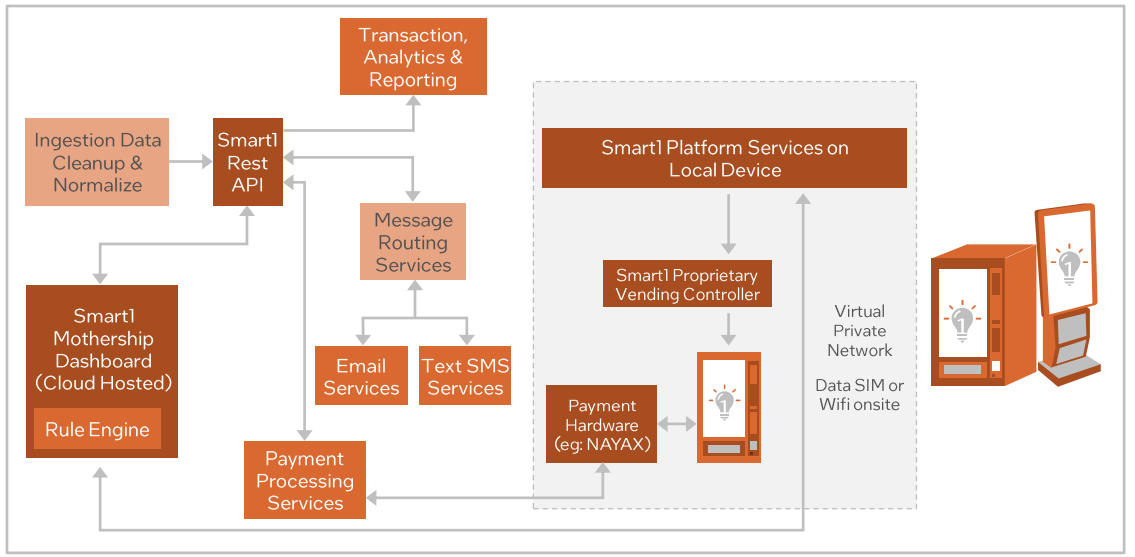
SMRT1 POD

Solution Overview

SMRT1 POD is an interactive, cloud-connected, smart dispensing solution that provides an engaging, frictionless, convenient, customer experience. Businesses are empowered with tailored real-time dashboard analytics to help make informed data-driven decisions.

Value Props

- Grow profits with display screen prompts promoting customers to increase their average order size
- Gain actionable insights with customer interaction analytics
- Adapt to different scenarios with flexible features such as temperature controlled for food safety, smart lockers for curbside pickup, and more



Intel Components

- Intel® Core™ i7
- Intel Reference Design for Intelligent Vending

Target Vertical: Retail

Secondary Verticals: Health & Life Sciences

Target Use Case: Control Optimization & Autonomy

Secondary Use Cases: Asset & Operations Optimization; Human Wellness Monitoring; Interactive Media; Situational Monitoring

Geo Availability

Available in Brazil, Canada, Mexico, United States, Other Americas

Learn More

- SMRT1 Homepage

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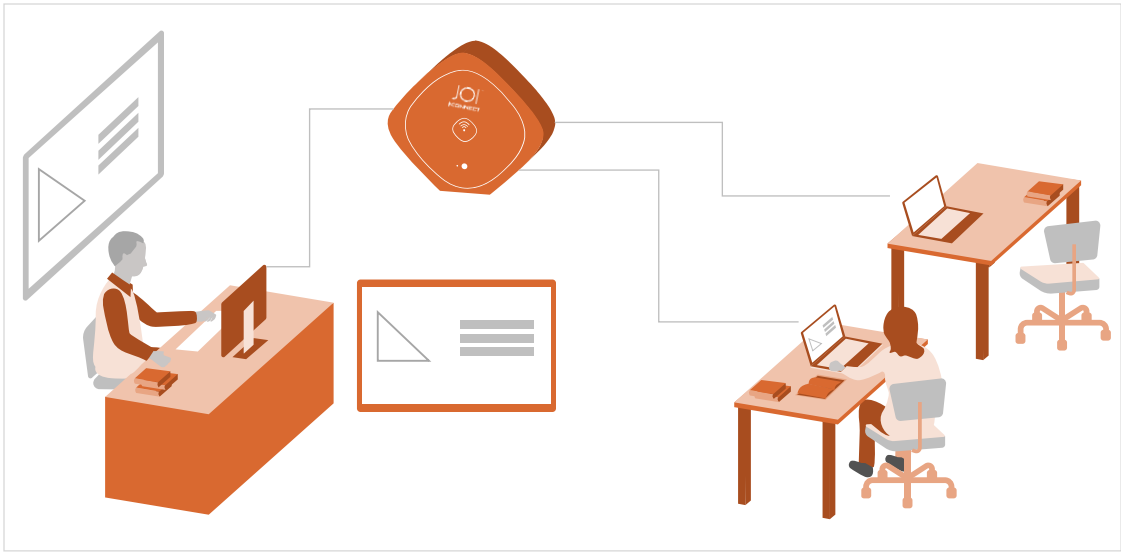
SNS Network SDN BHD JOI Smart Classroom

Solution Overview

JOI® Smart Classroom provides a flexible learning approach for school environments. Teachers can stay in touch with their students, control student access to the content, and assess each student through progress monitoring and behavioral analytic features.

Value Props

- Increase educational outcomes through holistic education with a program that promotes the higher-level thinking skills
- Broaden the reach of education with remote teaching features
- Tailor learning to students with behavioral analytics and other digital learning features



Intel Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel Atom® Processors
- Intel® Celeron® Processors
- Intel® Core™ i3, i5, and i7 Processors

Target Vertical: Retail, Education

Target Use Case: Asset & Operations Optimization

Secondary Use Cases: Interactive Media, Human Wellness Monitoring

Geo Availability

Available in South East Asia

Learn More

- SNS Network SDN BHD JOI Smart Classroom website
- JOI Smart Classroom video

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Sophic Automation Sdn Bhd Manufacturing Lights Off

Solution Overview

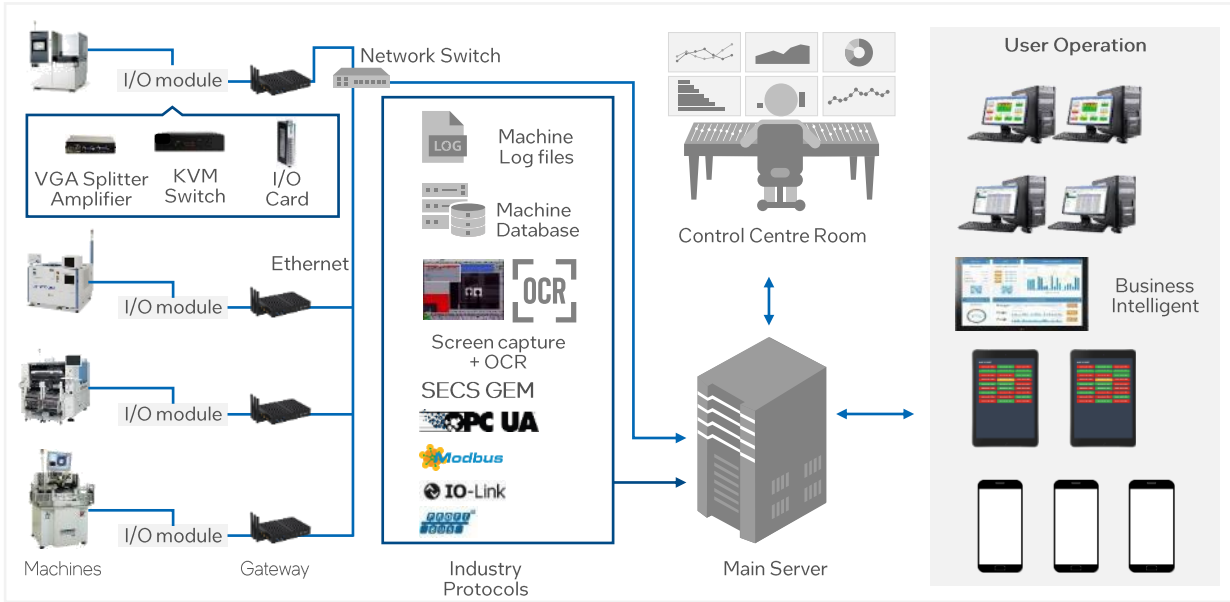
Manufacturers are looking for ways to increase operational efficiency while simultaneously decreasing operating costs to improve employee working conditions and manufacturing throughput. Sophic Automation Sdn Bhd Manufacturing Lights Off solution analyzes machine operations data to provide predictive maintenance, remote service, connected logistics, and optimize asset performance management to enable industry 4.0 smart factories.

Value Props

Optimize production operations with an easy-to-use performance management system that monitors machine throughput performance

Reduce machine down-time with predictive maintenance that reduces overall production errors

Reduce operational costs by connecting multiple production machines to a single operator through remote access and connected logistics



Intel Components

- Intel® Celeron® Processors
- Intel® Xeon® Silver Processor
- Intel® Core™ i7 Processors
- Intel® Core™ i5 Processors
- Intel® Xeon® Processor E5
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Manufacturing

Target Use Case:
Machine Condition Monitoring

Geo Availability
APJ

Learn More
- Sophic Automation Home
- SMARTer Machine Automation

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SSE Mayflower Insite Sentinel

Solution Overview

SSE's Mayflower Insite Sentinel optical sensor (Sentinel) is an IoT connected device that anonymously counts and classifies objects (e.g. vehicles, bikes and people) to assess traffic flow, vehicle classification, velocity, and pedestrian footfall. Sentinel enables users to act on key information regarding urban activity to better inform policies and strategies.

Value Props

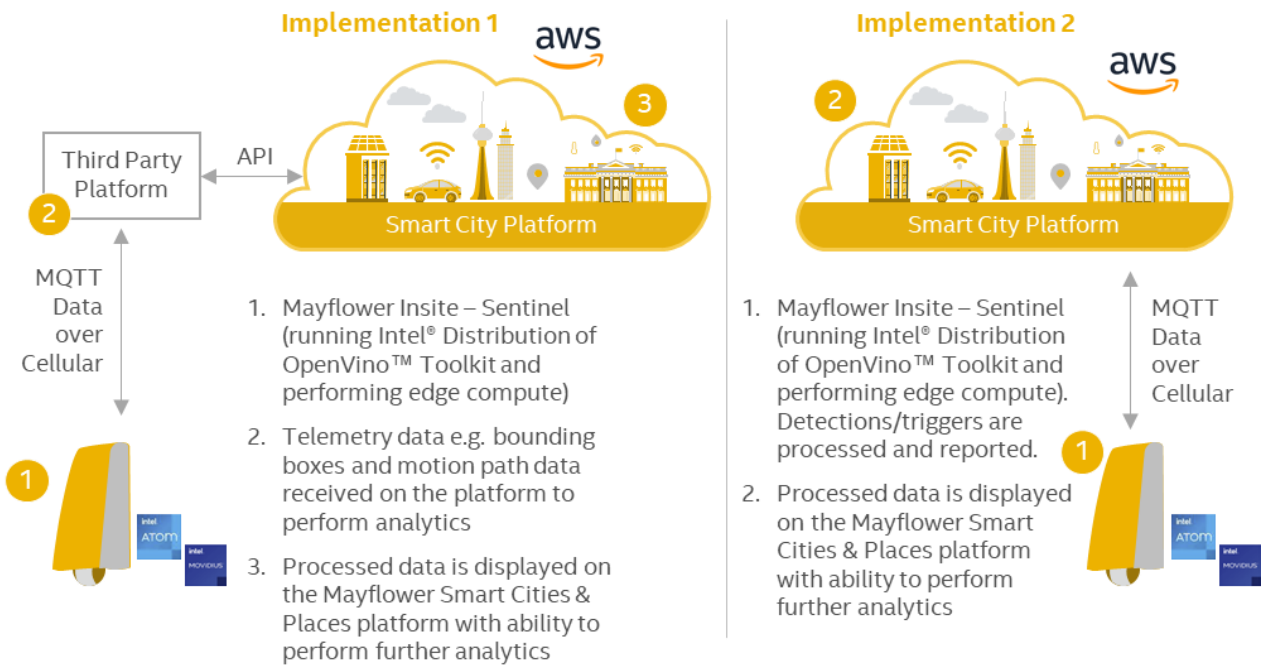
Harness near real-time data: to accomplish instant situational risk assessment, incident management, and first responder coordination

Leverage comprehensive data analysis: to make informed decisions and plans to improve traffic flow, pedestrian safety, and pollution.

Employ fully customizable dashboards: to combine sensor and device data with third-party data sets, generate greater insights, and share data with specific teams

Kit Components

- Intel® Atom® Processors
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Movidius™ VPUs
- Intel® Ethernet Network Adaptors



Target Vertical:
Energy

Secondary Vertical:
Government; Transportation

Target Use Case:
Situational Monitoring

Secondary Use Case:
Other

Geo Availability
UK, Ireland, and Europe

Learn More
- Mayflower Solution Webpage

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7 StarLake 5G C-V2X Smart Traffic

Solution Overview

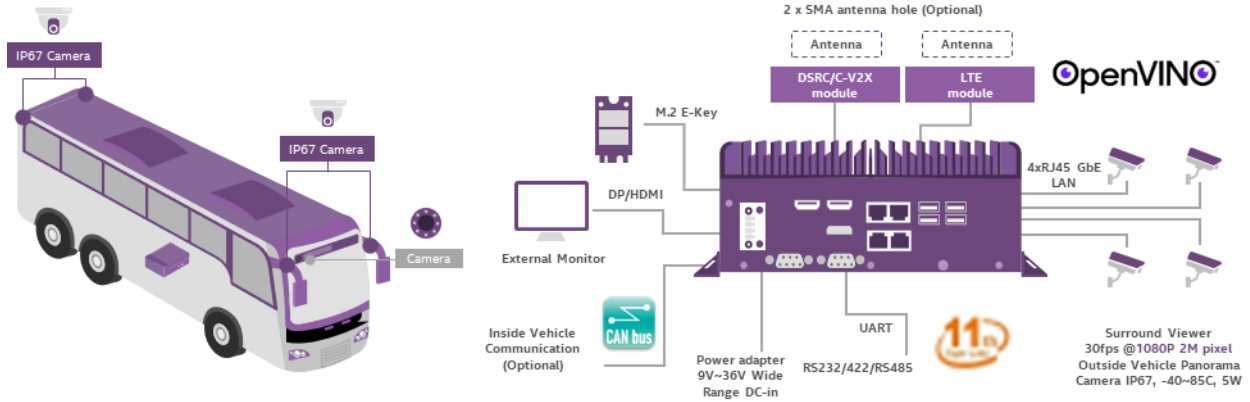
The future of intelligent transportation will focus on developing effective vehicle/pedestrian management, improving road safety, and enhancing the operational performance of transport networks. Metropolis officials want to leverage advanced technologies to connect infrastructures for greater visibility and strong management of city operations. The 7StarLake 5G C-V2X Smart Traffic solution leverages and connects 5G connectivity, AIoT technology, and vehicle sensors to quickly capture data to monitor public safety and provide citizens or public officials with real-time road safety alerts.

Value Props

Enable AI + IoT connectivity with IoT vehicle sensors utilizing 5G and cutting-edge AI algorithms to identify, predict, and learn traffic patterns

Help increase public safety by monitoring pedestrian and vehicle incidents to expedite emergency responses

Improve road infrastructures by tracking traffic signs, collecting real-time heat map information, and obstacle detection tools to adapt roadway signals



Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Core™ i7 Processors
- Intel® Xeon SP Silver

Target Vertical:
Transportation and Warehousing

Secondary Vertical:
Government

Target Use Case:
Situational Monitoring

Secondary Use Case:
Environment Monitoring

Geo Availability
APJ, Americas, Europe, Middle East, and Africa

Learn More
- 7 StarLake Website
- AI Infrastructure For Autonomous Driving Video

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Staqu Technologies JARVIS For Manufacturing

Solution Overview

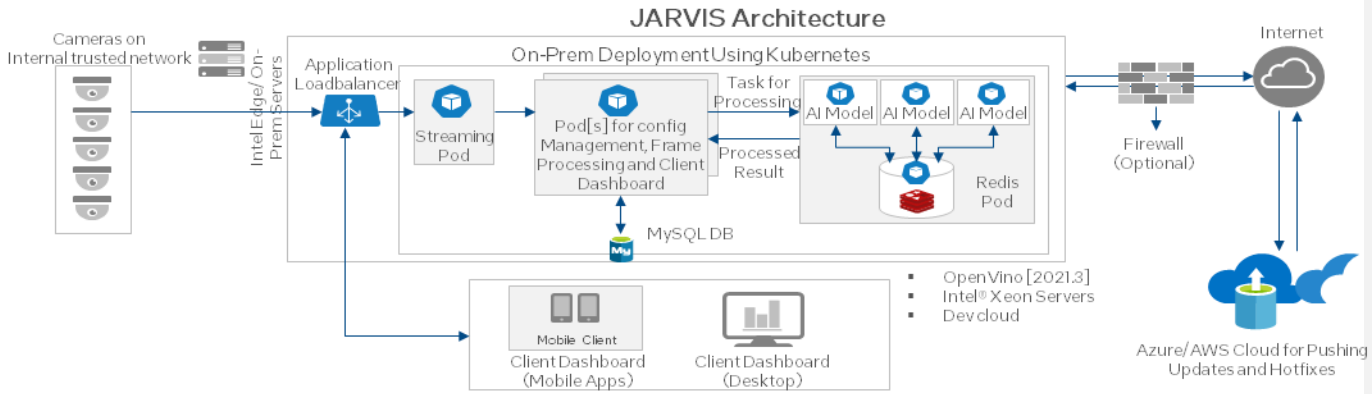
JARVIS for Manufacturing by Staqu Technologies is an audio and video analytics solution that converts standard existing cameras into smart cameras with intelligent monitoring capabilities of persons, objects, perimeter, and vehicles. With JARVIS, manufacturing facilities can benefit from centralized monitoring of cameras, intelligent insights, automated real-time alerts, and quality inspection monitoring.

Value Props

Enhance safety and security with a solution that automates detection of unusual activity, employee safety compliance, and alerts staff in near real-time

Increase profits with a quick ROI as the solution helps reduce theft and pilferage costs, and excess security manpower costs

Improve efficiency and productivity by implementing artificial intelligence to ensure staff productivity and efficiency across various business units



Intel Components

- Intel® Xeon® SP Silver
- Intel® Xeon® SP Gold
- Intel® Vision Accelerator Design With Intel® Movidius™ VPU
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ i7 Processors

Target Vertical: Manufacturing

Secondary Vertical: Government

Target Use Case: Situational Monitoring

Geo Availability
Canada, United States, India, Middle East, North Africa, and Turkey

Learn More
- Staqu JARVIS Homepage
- JARVIS by Staqu Youtube and Video Testimonials

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ST Engineering AGIL Smart Car Park Suite

Solution Overview

The AGIL Smart Car Park suite unifies all car park operations on a single robust, cloud-based platform to provide convenient and seamless car parking services. The solution enables real-time visibility and valuable analytics on car park operations, such as occupancy status and fee collection, to optimize parking space utilization, improve operational efficiency, and streamline maintenance.

Value Props

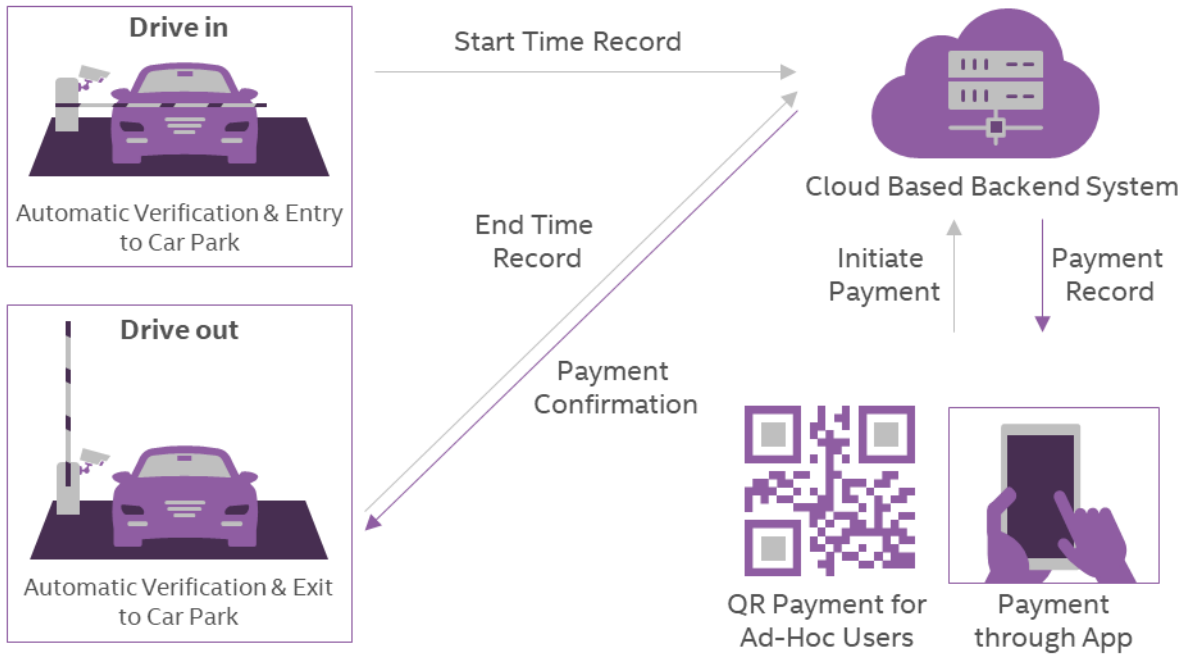
Decrease operational costs by reducing manual labor and replacing ticketing and parking meters with cashless payment

Increase revenue potential with dynamic or premium pricing models and data analytics for effective and targeted enforcement

Leverage actionable insights through data analytics that use drivers' parking behavior to optimize parking lot allocation, enhance city planning, and display targeted advertisements

Kit Components

- Intel® Core™ i5 Processors
- Intel® Movidius™ VPUs
- Intel® Distribution of OpenVINO™ Toolkit



Target Vertical:
Government

Secondary Vertical:
Banking/Financial Services, Education, Health & Life Sciences, Hospitality, Retail, Transportation

Target Use Case:
Situational Monitoring

Secondary Use Case:
Asset & Operations Optimization, Product Inspection

Geo Availability
Singapore, Myanmar, Malaysia, Vietnam, Philippines, Middle East

Learn More
- ST Engineering Website
- AGIL Smart Car Park Suite Website

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Supermicro Industry 4.0 Evolving

Solution Overview

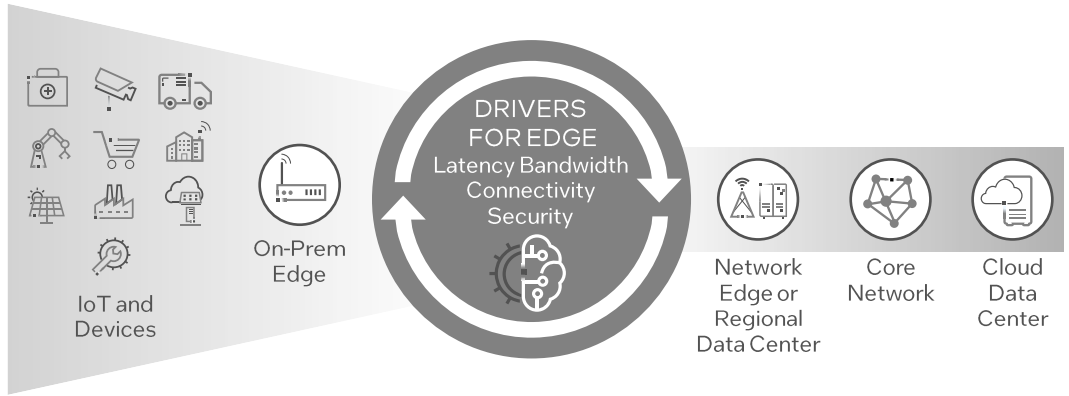
Supermicro's Industry 4.0 Evolving solution with NodeWeaver virtualization and management platform is an end-to-end offering that provides high performance Edge Computing servers – or "thick Edge computing", Artificial Intelligence (AI), Internet of Things (IoT), data security, and ultra low-latency computing to support digital transformation and Industry 4.0 initiatives, and responses to real-time data intelligence and critical events.

Value Props

Streamline operations by leveraging real-time data from sensors to optimize overall production, quality and Overall Equipment Efficiency (OEE)

Reduce compute costs with faster image processing on the Edge and model re-training versus the Deep Learning (DL) training routines, which typically demand massive amounts of compute power.

Reduce errors and increase quality by updating process and tools in real-time based on insights from captured data



Intel Components

- Intel® Core™ Processors
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Xeon® Scalable Processors

Target Vertical:
Industrial, Manufacturing, Automation

Secondary Verticals:
Transportation, Retail, Energy

Target Use Case:
Control Optimization and Autonomy (high availability, redundancy w/ self healing)

Secondary Use Case:
Machine Condition Monitoring

Geo Availability
Asia, Pacific, and Japan, Americas, Europe, Middle East, and Africa/Global

Sales Contact
Jeff Sharpe
JeffSharpe@Supermicro.com

Learn More
- Supermicro Website

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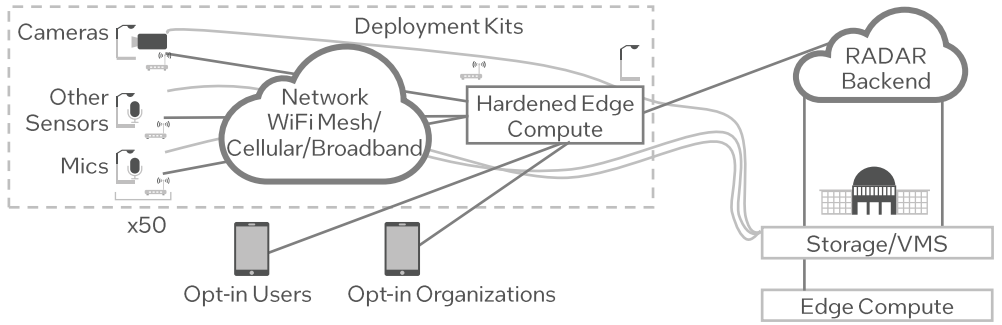
Supermicro Intelligent Secure Edge

Solution Overview

Combining the power of Supermicro intelligent security with the reliable Intel components and VSBLTY's AI/ML-based insights , the Supermicro RADAR platform equips users with key data insights and automated system management for critical event detection, automatic alarms, mechanical triggers, and more. Supermicro RADAR Secure Edge provides customers with the means to achieve greater transparency, efficiency, and safety in complex environments.

Value Props

- Helps manage safety and environmental quality with a system capable that can help optimize traffic flows, air quality, logistics, energy, and more
- Empower response **teams** with "Smart Sensing" technology that empowers business with the ability to monitor localized events
- Promote intelligent decision-making through VSBLTY AI-led actionable insights to help reduce inefficiencies
- Optimize existing budgets by using intelligent Secure Edge's tools to mitigate redundancies and increase transparency by the ISE's data and insights generator



Intel Components

- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical:
Industrial, Manufacturing
Secondary Verticals:
Agriculture, Energy, Hospitality, Retail, Transportation

Target Use Case:
Control Optimization and Autonomy
Secondary Use Case:
Human Wellness Monitoring, Situational Monitoring

Geo Availability
Asia, Pacific, and Japan, Americas, Europe, Middle East, and Africa

Sales Contact
Jeff Sharpe
JeffSharpe@Supermicro.com

Learn More
- Supermicro IoT Edge- Extending Intelligence to Connected Devices
- About Us | Supermicro

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Super Micro Computer Inc. Retail Edge Evolution

Solution Overview

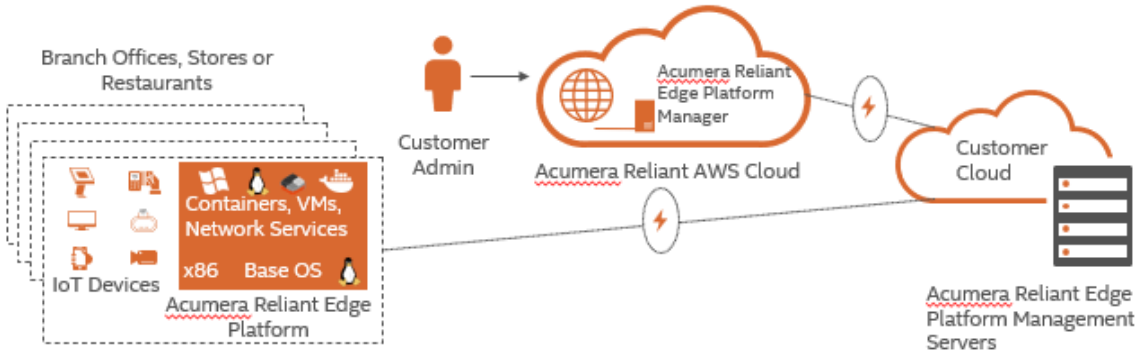
The Super Micro Computer Inc. and Acumera Reliant Edge Platform provides a pre-configured, hardened Edge compute platform that utilizes leading tools for virtualization, containerization, centralized management, and comprehensive monitoring. Supported by Super Micro Computer Inc.'s Edge Servers to converge new and old legacy systems on to a scalable integrated system, collected data can then be transmitted to a cloud-based web UI and REST-fel API enabled Platform Manager that can either be cloud agnostic, or hosted through 3rd party providers like AWS, Google Cloud, or Microsoft Azure. From here, customer admin can manage major or micro configurations across one, a set, or all sites, applications, and target endpoints. This solution significantly simplifies the deployment, management, orchestration, and networking of Edge infrastructure and applications to help small-to large retail and hospitality businesses create unique and valuable customer experiences and optimize inventory and operations.

Value Props

Reduce environmental impact by leveraging the solution's energy-efficient computing technology that reduces power consumption of server, blade, workstation, and storage systems

Simplify operations by centralizing management of deployed infrastructure and applications

Increase profits by reducing your overall IT investments and operating expenses with a pre-built and fully customizable, hardware agnostic software platform



Intel Components

- Intel® Xeon® D Processors
- Intel® Atom® C3000 Processors

Target Vertical:
Retail

Secondary Vertical:
Hospitality

Target Use Case:
Control Optimization & Autonomy

Geo Availability
APJ, Americas, Europe, Middle East, and Africa

Learn More

- Supermicro IoT Edge Homepage
- Solution Brief - Acumera Reliant Edge

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Supermicro Smart Digitalized Production Process Enhances Quality Control

Solution Overview

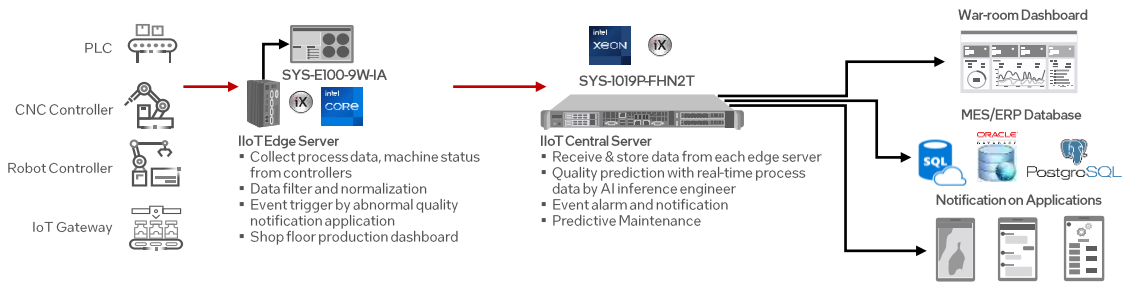
Supermicro SYS-E100-9W-IA and SYS-1019P-FHN2T integrated with Bejier iX software provides a powerful data acquisition and visualization edge computing solution by enabling factories to collect and exchange data from a PLC or controller and connect to production manufacturing systems like MES, ERP, and other critical operations to help optimize workflows, automate systems, and execute on insights.

Value Props

Helps lower TCO of IoT at the edge by providing an architecture that consolidates data across multiple workloads through a single platform

Optimizes and automates operations and data management through robust self-learning tools to refine deep learning, automations, and more

Empowers stakeholders with actionable insights that help reduce redundant tasks and helps customers streamline results



Intel Components

- Intel® Xeon® SP Silver processors
- Intel® Core™ i7 processors
- Intel® Ethernet Controllers
- Intel® Optane SSD

Target Vertical:
Manufacturing

Target Use Case:
Asset & Operations Optimization

Secondary Use Case:
Control Optimization and Autonomy

Geo Availability
Asia, Pacific, and Japan, Americas, Europe, Middle East, and Africa, People's Republic of China

Learn More

- Supermicro Solutions for Industry 4.0 – Video
- T-Systems Edge Platform Delivers Low Latency with Supermicro – Video

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systems with intelligence

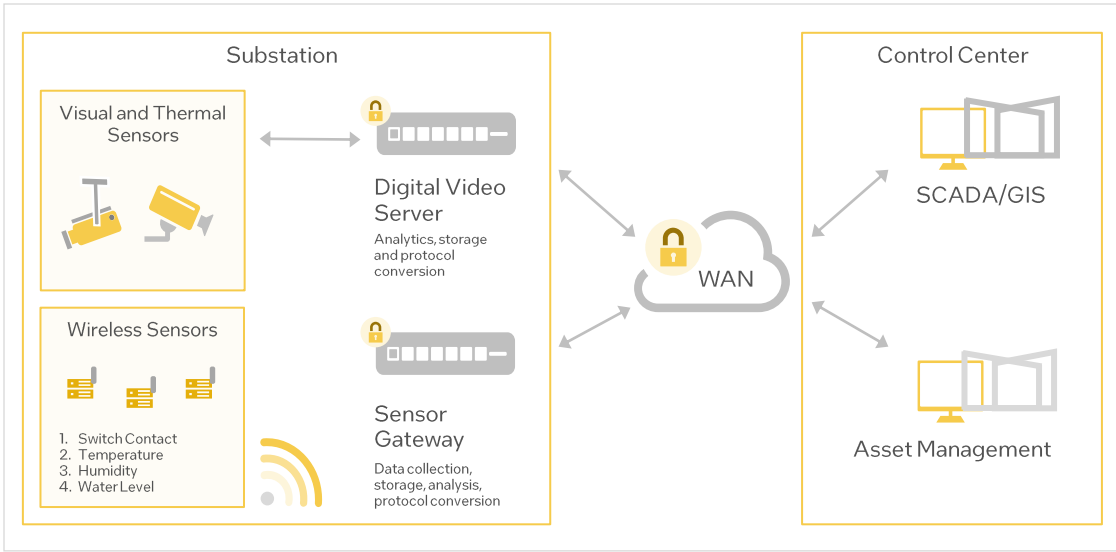
Systems with Intelligence Visual/ Thermal Asset Monitoring System

Solution Overview

A monitoring system that provides real-time visualization of industrial applications in harsh, remote locations and is designed to protect and prolong the life of high value assets.

Value Props

- Increase safety with remote inspections ensuring physical security elements are in good condition
- Prevent outages with condition-based maintenance
- Lower cost with reduced truck rolls and man hours for various inspections and procedures



Intel Components

- Intel Atom® Processor E3845
- Intel® I3 Dual Core™ Processor

Target Vertical: Energy
Secondary Verticals: Manufacturing

Target Use Case: Situational Monitoring
Secondary Use Cases: Machine Condition Monitoring, Asset & Operations Optimization, Energy Monitoring & Management

Geo Availability
Americas, EMEA, and APAC

Learn More
- Systems With Intelligence website
- Real-Time Remote Monitoring of Sites and Assets article

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Synnex Technology International - Smart MES for Factory

Solution Overview

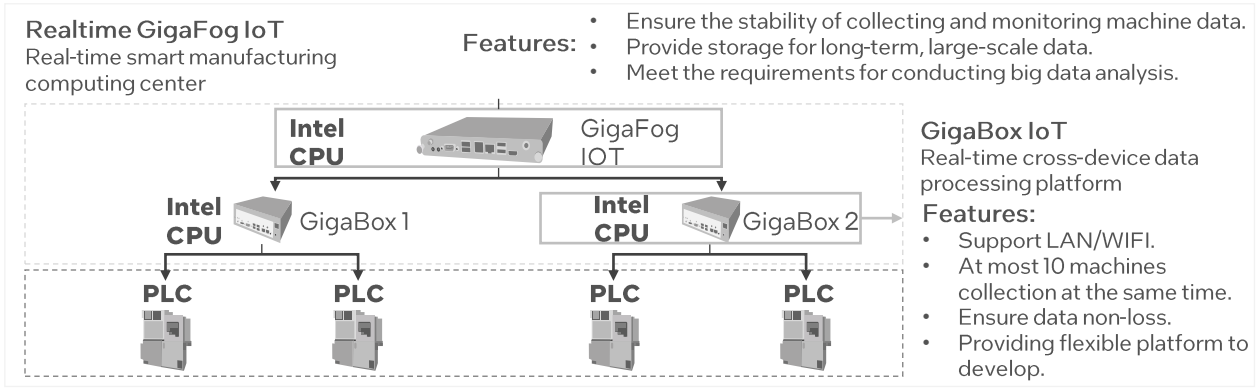
In modern factories, production processes have become increasingly complex, involving a variety of work and information flows that require integration. Smart MES for Factory is a solution designed to not only monitor all the simultaneous processes of a factory floor, but to coordinate and control various operations in the manufacturing process with AI and edge computing. It identifies issues with production and compares end results with planned and designed production activities. The solution leverages this information to generate operating instructions, enabling manufacturing enterprises to monitor production in real-time, enhance production efficiency and quality, and reduce overall costs.

Value Props

Monitor production in real-time with an aggregated visualization platform which provides a view into all operations and sends alerts to relevant stakeholders when problems arise

Improve production efficiency by identifying problems such as bottlenecks, downtime, or errors in final products, and then by using the solution to generate potential fixes and boost productivity

Streamline workflow management with assembly line capabilities that track production progress, improve product tracking and accountability, and generate comprehensive production records.



Intel Components

- Intel® Xeon® E5 processors
- Intel® Core™ i5 processors
- Intel® Celeron ® J processors

Target Vertical: Manufacturing

Secondary Vertical: Energy

Target Use Case: Machine Condition Monitoring

Secondary Use Case: Situational Monitoring

Geo Availability
APJ, PRC

Sales Contact: Elsa Tsai - elsatsai@synnex.com.tw

Solution Webpage
MES real-time operation management platform: cetech

Learn More
Synnex Group (synnex-grp.com)

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Taiyi Wulian Co. Limited Space Guardian G1

Solution Overview

Often referred to as "the pain hanging over the city", residents in high-rise buildings have become notorious for throwing garbage and other objects from their windows and balconies onto the street below. This dangerous and polluting practice continues despite property managers installing security cameras and new laws prohibiting it. However, conventional video surveillance systems cannot accurately identify high-altitude parabolic objects – objects thrown from great height – and do not show the object's trajectory. The Space Guardian G1 transforms traditional security monitoring from passive to active with real-time monitoring and alarms. Deep learning algorithms quickly and accurately identify high-altitude parabolic objects, trace the parabolic event back to its source, and alert users, enabling timely incident response and handling.

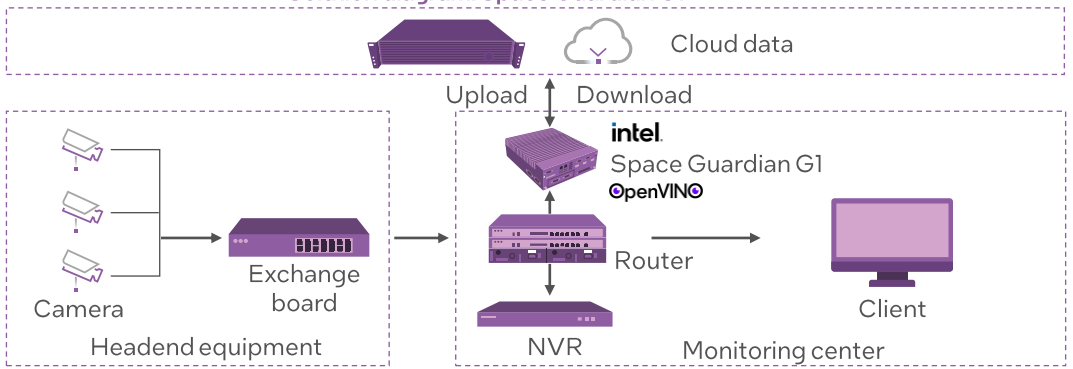
Value Props

Improve public and environmental safety with real-time monitoring and warning of high-altitude throwing that enables prompt and accurate response from property management personnel

Ensure regulatory compliance with a monitoring system that analyzes the landing trajectory of thrown objects to determine the floor and resident responsible, effectively reducing disputes with quantitative data

Help save time and money spent on reviewing video camera footage to pinpoint the correct perpetrator of the high-altitude throwing so that all building residents aren't faced with charges from the littering

Solution diagram: Space Guardian G1



Workflow: camera → switch → Router → NVR and AIBOX → Cloud Data → Client

Intel Components

- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® Core™ i7 processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Government

Secondary Verticals:
Education, Health & Life Sciences, Transportation, Warehousing

Target Use Case:
Situational Monitoring

Secondary Use Case:
Environmental Monitoring

Geo Availability:
PRC

Sales Contact:
Huang Yubin –
huangyubin@iot2099.com

marketing@iot2099.com

Learn More:
Additional Resources

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Tata Consultancy Services Ltd.TCS Equiptix

Solution Overview

Based on the TCUP-TCS Connected Universe Platform, the Tata Consultancy Services TCS Equiptix helps manufacturers monetize data from connected products through predictive maintenance of the OEM's installed base and enables proactive mitigation of potential contract risks.

Value Props

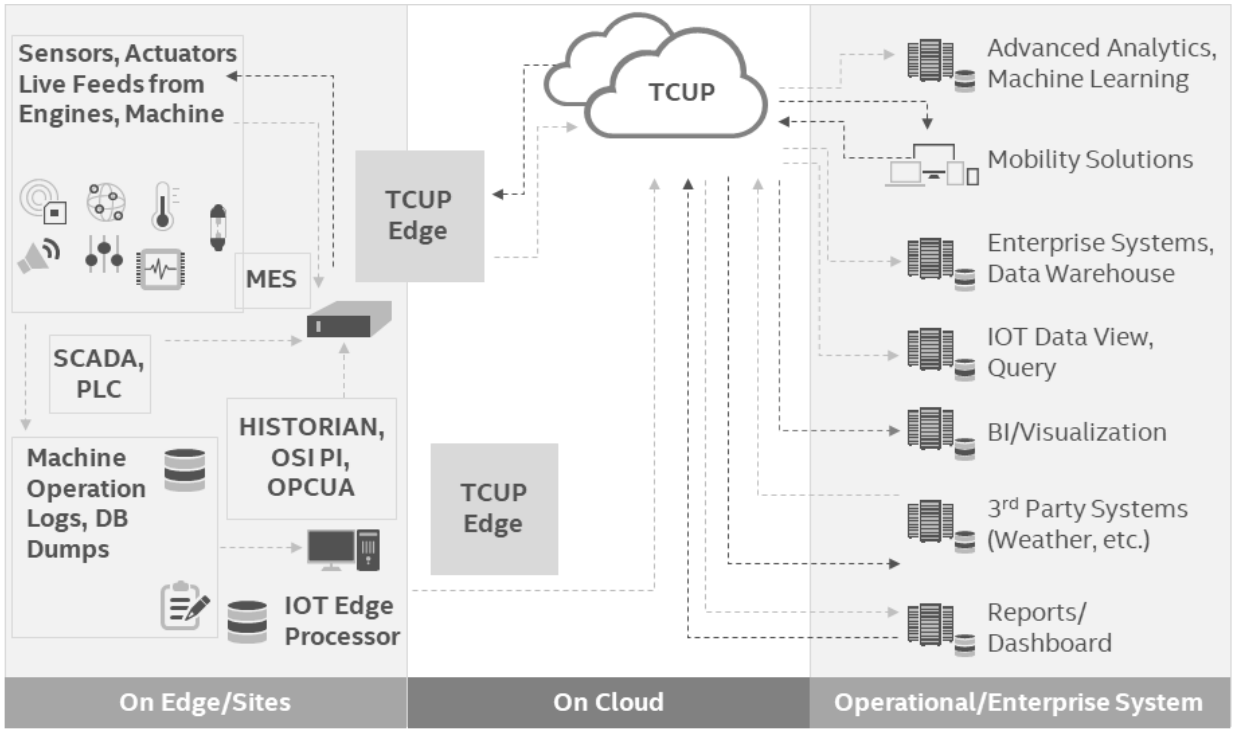
Improve equipment reliability with ready-to-deploy TCS ML models for health score computation to increase availability of the installed base

Reduce cost to serve with advanced predictive maintenance for better service order planning

Raise contract profitability with ML models to identify the best price for new contracts and manage risk of existing ones

Intel Components

- Intel® Atom® Processors
- Intel® Xeon® Processors



Target Vertical:
Manufacturing

Secondary Verticals:
Energy; Government; Health & Life Sciences; Hospitality

Target Use Case:
Machine Condition Monitoring; Predictive Maintenance; Profitability Simulation

Secondary Use Case:
Asset & Operations Optimization; Energy Monitoring & Management; Environment Monitoring

Geo Availability
Globally Available

Learn More
- TCS Equiptix Webpage
- TCS Equiptix Video

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Tata Consultancy Services Ltd. Self-Checkout Loss Prevention Solution

Solution Overview

Retailers employ self-checkout (SCO) machines to enhance the stores operations and minimize queues for customers by eliminating staff-operated checkout processes. However, autonomous SCO machines also increase the possibility of theft and fraud. For every instance of theft or fraudulent activity, stores must sell roughly one hundred of the same product to recover the loss. Tata Consultancy Services Self-Checkout Loss Prevention Solution utilizes AI in SCO machines to automate and streamline theft and fraud detection by alerting store managers, who can halt transactions with a touch of a button. The TCS solution can empower retailers with the tool they need to help reduce theft and retail shrinkage.

Value Props

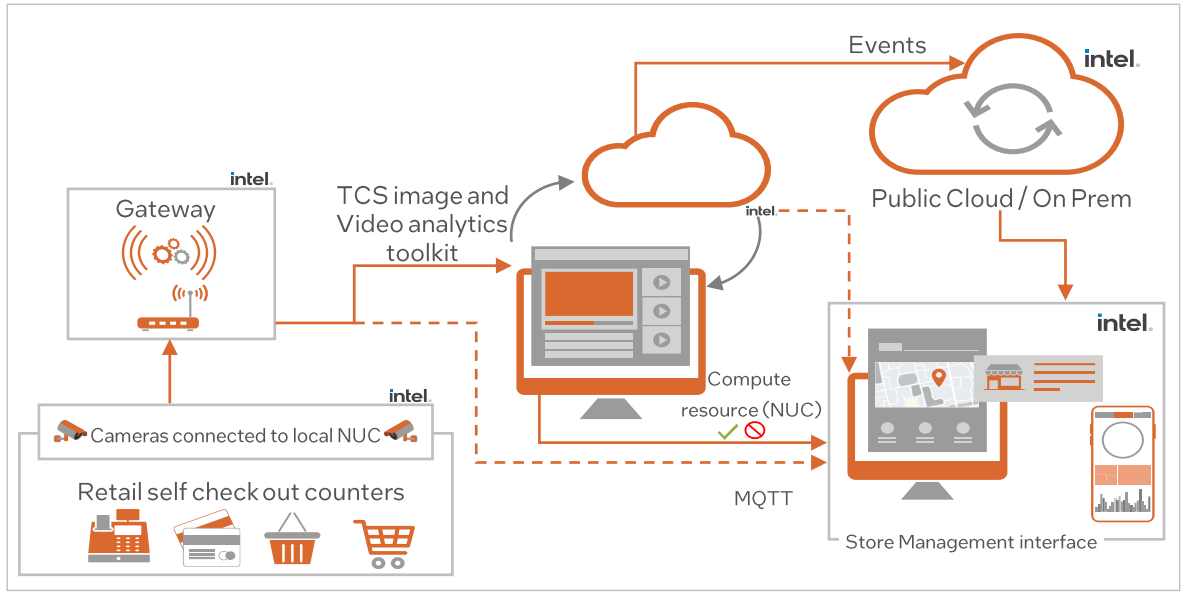
Help reduce retail shrinkage with real-time theft and fraud alerts to a store manager that can halt said transaction before the culprit can leave the premises with stolen goods

Reduce operational costs by automating product security with SCO machines

Increase return on investment on security infrastructure by employing an effective loss prevention system that integrates seamlessly with existing CCTV systems

Intel Components

- Intel® NUC
- Intel® Core™ i7 Processors
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ toolkit



Target Vertical:
Retail

Target Use Case:
Asset & Operations Optimization

Geo Availability
Asia-Pacific and Japan, Americas, Europe, Middle East, and Africa

Learn More
- TCS Home Website
- TCS Worldwide

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Mobile Connected First Responder

Solution Overview

First responders use various mobile devices such as vehicle and body cameras, rugged computers, and recording devices to capture and send data instantly to an edge server. This real-time processing enables quick responses to urgent situations. After processing, the data is sent securely to the cloud via a mobile router, making it globally accessible to authorized personnel. This combination of edge technology and cloud connectivity allows first responders to make immediate decisions and ensures broad availability of data for coordinated efforts across agencies. Available complementary solutions include mobile data terminals, records management systems, computer-aided dispatch, GPS, automatic vehicle location, 3D scanning, and Mission Critical Push To Talk.

Value Props

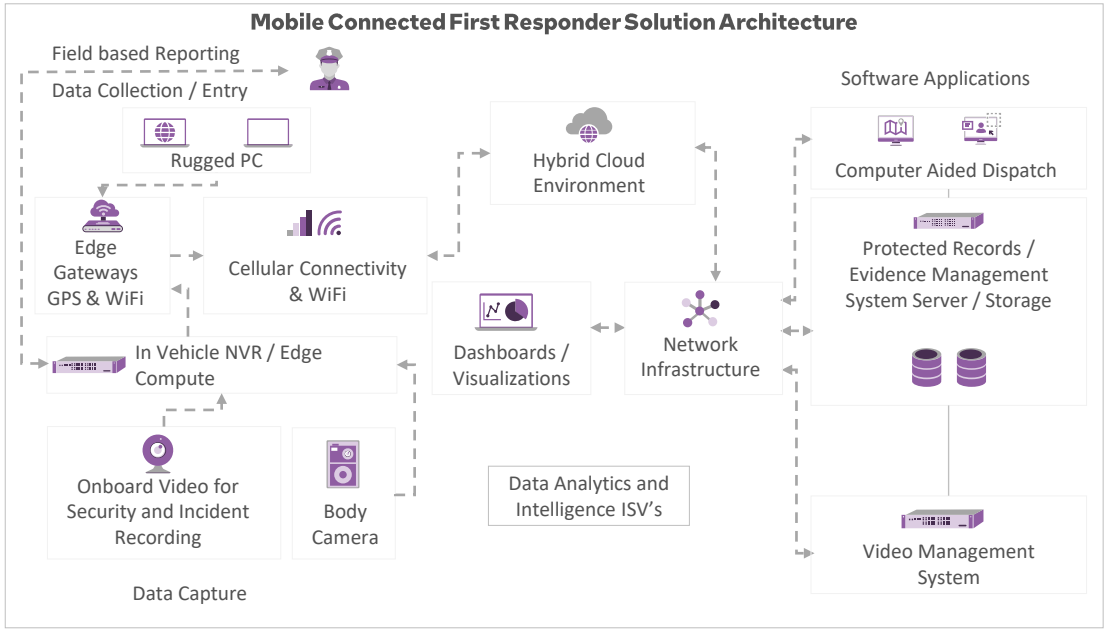
Empower informed decisions and swift action by leveraging edge connectivity & compute to provide first responders with access to critical information in real time.

Facilitate a unified response system by implementing an integrated approach that drives seamless coordination between agencies and ensures all responding teams are in sync.

Enhance operational efficiency with a comprehensive technology solution that equips first responders with the technology they require to efficiently, effectively, and safely serve their communities.

Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors



Target Vertical:
Government

Secondary Verticals:
Transportation; Utilities & Energy; Construction

Target Use Case:
Situational Monitoring

Secondary Use Case:
Asset & Operations Optimization

Geo Availability
Americas

Sales Contact
rescue911@tdsynnex.com

Solution Webpage
TD SYNNEX | Website homepage

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Telelogos

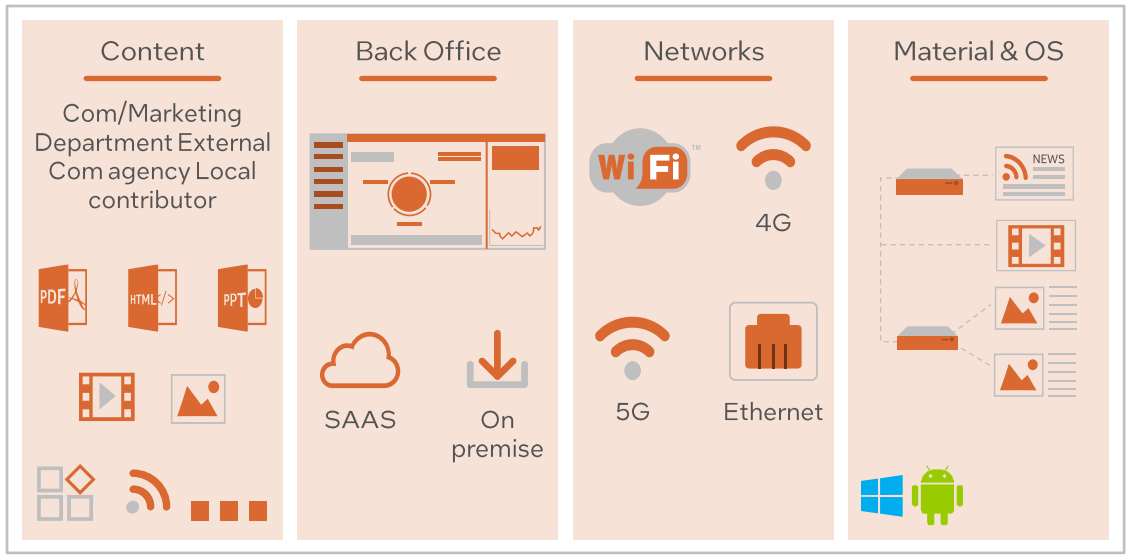
TELELOGOS Media4Display

Solution Overview

The Telelogos Media4Display software solution helps companies provide the right content to the right people at the right time with digital signage tools. Customers import media and create their own dynamic content in real-time to various locations on screens, tablets, kiosks, etc.

Value Props

- Create dynamic content and easily import media to increase end user engagement
- Manage, assemble, plan, and organize and content to deliver the right message to the right person at the right time
- Display content on screens, tablets, kiosks; centrally manage all displays, screens, devices to maximize uptime.



Intel Components

Intel® NUC

Target Vertical: Corporate, Retail

Secondary Verticals: Banking/Financial Services; Education; Public Places & Entertainment; Government. Manufacturing, Transportation & Logistics, Healthcare, QSR, DOOH

Target Use Case: Interactive Media, Customer experience-external communication, Worker engagement-internal communication

Secondary Use Cases: Smart Workplace; Digital Manufacturing & Dashboarding

Geo Availability

Globally

Learn More

- Telelogos Website
- Media4Display Webpage

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TELESOFT

Telesoft TDAC

Solution Overview

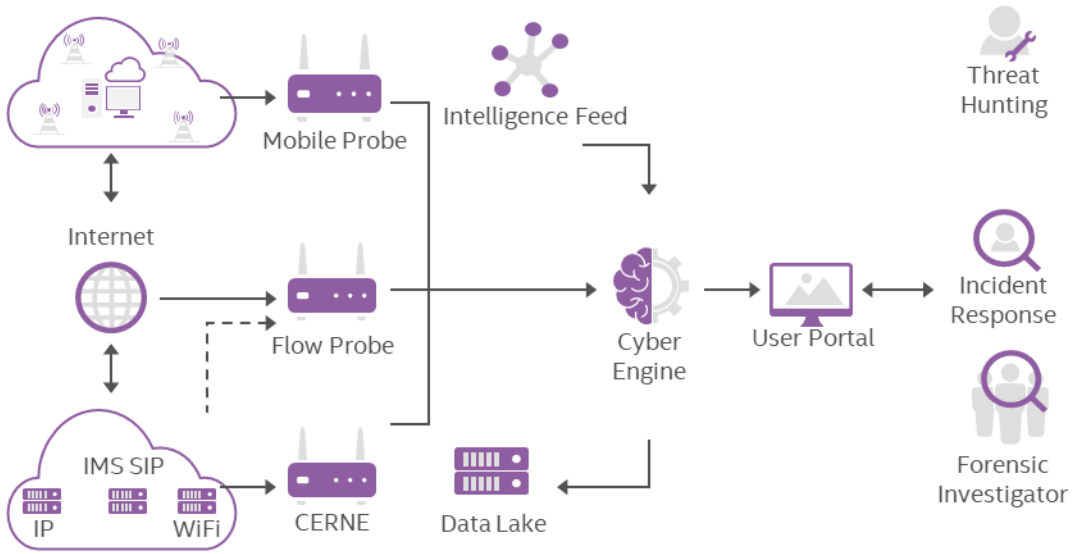
Due to CAPEX and OPEX limitations, many cyber protection systems cut corners when securing their networks. Businesses need a solution to manage increased data rates at the Edge and detect cyber threats from increased system complexities. Telesoft developed an information security solution to encrypt increased data rates and monitor system usage. The Telesoft TDAC solution secures network operations with comprehensive, proactive cyber security capabilities that provide full unsampled network monitoring and analytics. This solution strengthens cyber posture and unlocks data for efficiency, compliance, and risk management.

Value Props

Secure network operations with scaled, carrier class cyber hardening of edge to hybrid cloud environments without typical elevated risk trade-offs associated with CAPEX and OPEX limits

Increase revenue-generating services by investing in scaled cyber systems

Lower future risk and liability by gaining proactive cyber capabilities rather than reactive-only defense



Kit Components

- Intel® FPGA Products
- Intel® Xeon® Processors
- Intel® Solid State Drives (SSD)

Primary Vertical: Government
Partner Primary Verticals: Telco, SI, OEMs, CDNs, Managed services, VLN's

Secondary Vertical: Energy, Gaming & Entertainment, Hospitality, Manufacturing, Retail, Transportation
Partner Secondary Vertical: Enterprise

Target Use Case: Situational Monitoring
Secondary Use Cases: Asset & Operations Optimization, Environmental Monitoring

Geo Availability
US, India, Germany, UK

Learn More
- Telesoft Website

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Theatro®

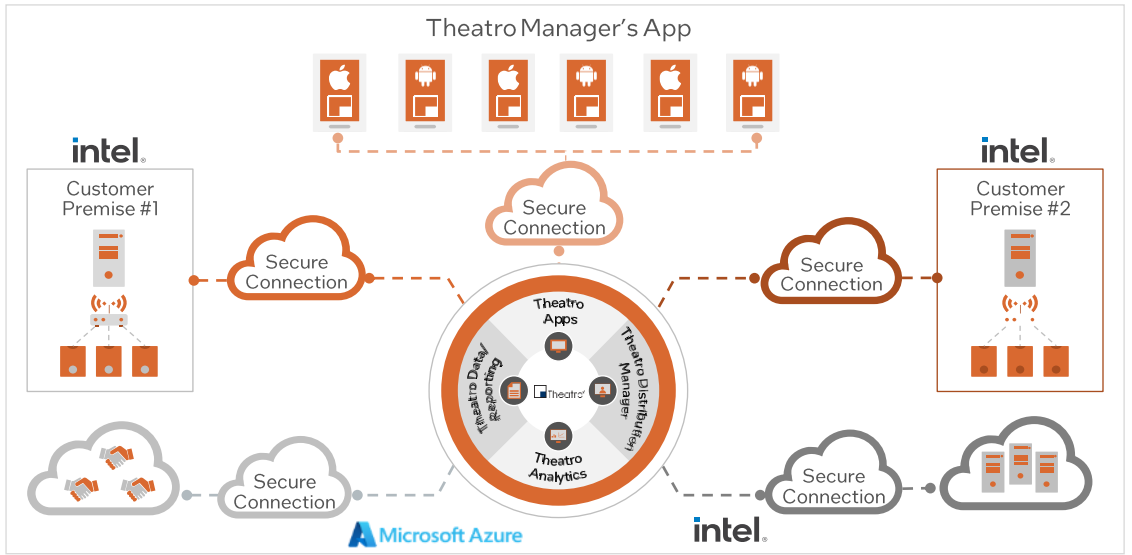
Theatro Intelligent Voice Assistant for the Frontline Workforce

Solution Overview

Theatro Intelligent Voice Assistant for the Frontline Workforce is an end-to-end solution that extends essential enterprise communication to the entire frontline workforce. In today's world, mobile connectivity is an essential requirement for effective, efficient, and safe operations at the front line and across the enterprise.

Value Props

- Increase workforce productivity by reducing wasted labor due to communication friction between HQ, Field Leadership, and local teams
- Drive employee engagement by connecting every associate and providing immediate information
- Deliver better customer experience via stronger employee engagement and execution
- Ensure safe operations in a post-COVID world by enabling remote communication and leadership



Intel Components

Intel® Core™ i5, VM or physical

Target Vertical: Retail

Target Use Case: Asset & Operations Optimization

Geo Availability

Available in US and Canada

Learn More

- Theatro Website
- Theatro Resources
- Theatro Videos

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Holographic Intersection Solution

Solution Overview

In the realm of Cellular Vehicle-to-Everything (C-V2X) applications, roadside sensing equipment is responsible for capturing information such as traffic object and environmental information that's used to deliver vital communications to vehicles and their operators, alongside other traffic management edge compute functionalities. The Thundersoft Holographic Intersection Solution provides a foundation for digitizing the transportation industry with roadside sensors, edge computing devices, and a cloud control platform to acquire real-time, high-precision, and low-latency traffic information and infrastructure data. This data is leveraged to enhance traffic efficiency and safety with dynamic time assignment of traffic lights, dynamic lanes, regional traffic optimization, and accident handling applications. By adopting this comprehensive approach, the Thundersoft Holographic Intersection Solution elevates overall traffic management, helping to ensure smoother and safer journeys for all road users.

Value Props

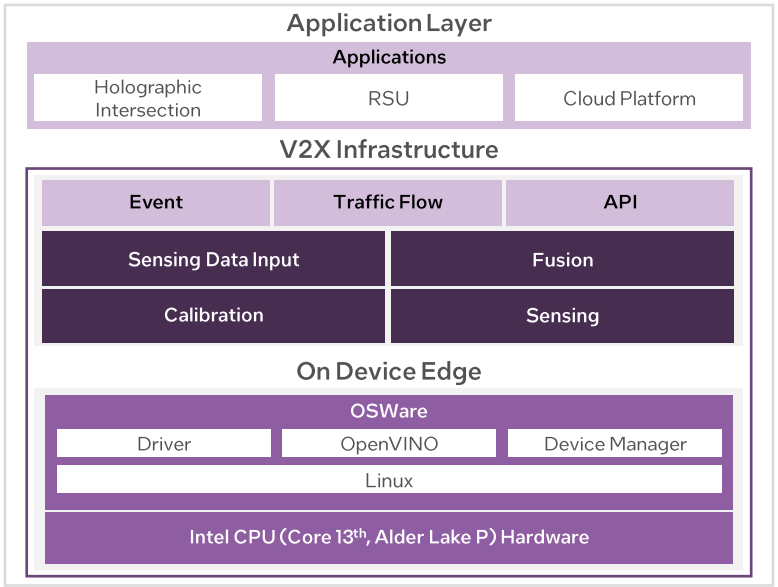
Enhance traffic safety and efficiency with intelligent transportation that integrates technology into transportation management to provide commuters with immediate information about traffic and intersections.

Promote the development of connected vehicle technology by harnessing telematics and traffic data to provide services for networked cars and help advance transportation technology.

Advance the development of smart cities with real-time insights and analysis of traffic patterns, volume, and congestion to enable dynamic traffic control that makes travel safer, smarter, and more efficient.

Intel Components

- Intel® Core™ i7 processors
- Intel® Core™ i9 processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Xeon® SP Silver
- Intel® Open Visual Cloud (OVC)



Target Vertical:
Transportation & Warehousing

Target Use Case:
Situational Monitoring

Secondary Use Case:
Control Optimization & Autonomy

Geo Availability:
Americas, APC, EMEA, PRC

Sales Contact:
Linjia Huang – Linjia.huang@am.thundersoft.com

Zhi Li – zhi.li@thundersoft.com

Solution Webpage:
Thundersoft Holographic Intersection Solution

Learn More:
Thundersoft

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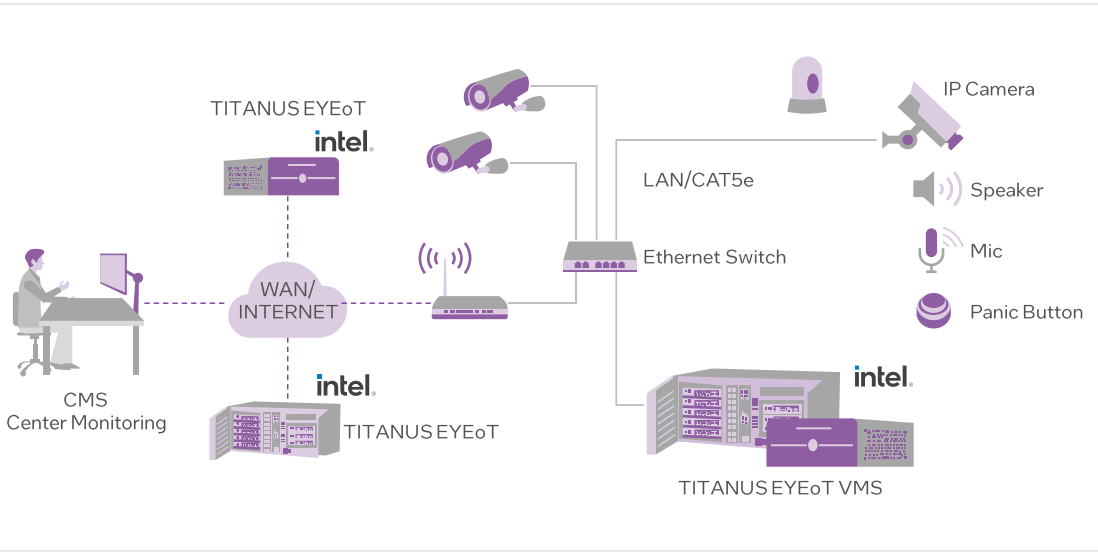
TITANUS EYEoT DSS

Solution Overview

An IoT-based intelligent video monitoring solution designed to be easily integrated, highly extensible, fully customizable, and compatible with other security applications to help customers protect public safety and assets

Value Props

- Protect people and assets with a solution that supports large-scale video surveillance
- Enable data-driven actions with the capability to perform multiple concurrent analyses
- Connect legacy video solutions with a solution supporting hybrid video



Intel Components

- Intel® Core™ i3 processor
- Intel® Core™ i5 processor
- Intel® Core™ i7 processor
- Intel® Xeon® E3 processor

Target Vertical:
Government

Target Use Case:
Situational Monitoring

Geo Availability
SE Asia

Learn More

- TITANUS EYEoT Intel Solutions Marketplace
- Gamma Solution official Facebook page

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Toshiba Self Service Retail Total Solutions

Solution Overview

The Toshiba Self Service Retail Solution systems represent the next generation of self-checkout kiosks. With robust performance and exceptional reliability, these systems enable retailers to provide convenient, enjoyable, hygienic experiences for shoppers. The System 7 and Pro-X Hybrid Kiosks, and TCx 800 models are equipped with Toshiba's advanced & proven software CHEC: a management suite developed to help retailers test, measure, control, and optimize performance across their sales network.

Value Props

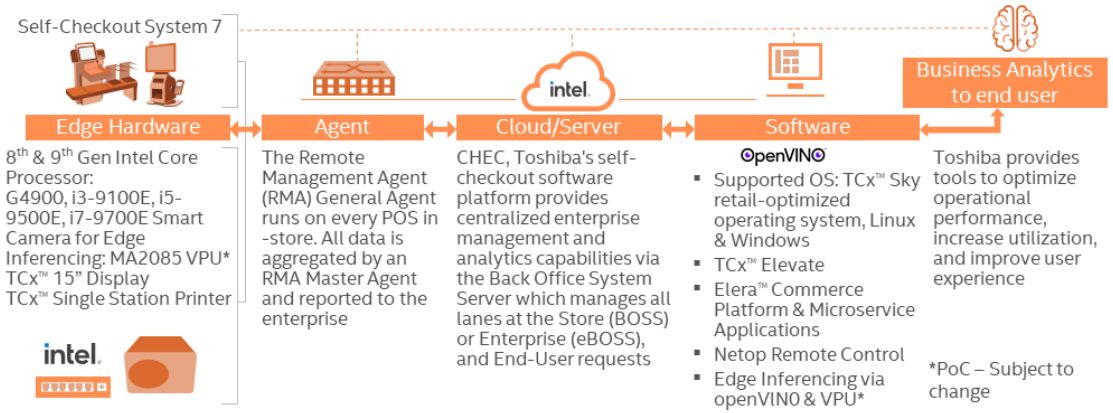
Deliver excellent customer experiences through a range of configurations that meet needs of modern customers' and expedite transactions

Streamline in-store operations through hardware and software solutions that connect customers with assistance and helps employees prioritize time

Minimize the costs-to-business of digital transformations by reducing expenses through a system designed for seamless integration, scalability, and durability

Kit Components

- Vision Accelerator Design with Intel® Movidius™
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Core™ i3, i5, i7 Celeron® Processors



Solution Components

Intel Components

- Vision Accelerator Design with Intel® Movidius™
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Core™ i3, i5, i7
- Celeron®

Toshiba Hardware‡

- Scanner
- Edge device and housing
- Toshiba CHEC software

‡Hardware, housing, and software is system configuration dependent

Cloud Service Provider

- Private/On-Prem

Target Vertical: Retail

Secondary Vertical: Hospitality

Target Use Case: Interactive Media

Secondary Use Case: Asset & Operations Optimization

Geo Availability
ANZ, EU, Canada, Switzerland, UK, US, Turkey, LATAM

Learn More

- Toshiba POS | Systems & Applications
- Toshiba System 7 | Product Video
- Toshiba CHEC | Product Documentation

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TOSHIBA

Toshiba TCxTM 800 All-In-One POS and Remote Monitoring In-Store Experience

Solution Overview

The TCx™ 800 all-in-one POS platform enables associates to deliver quick, enjoyable experiences for shoppers. As a fully functional POS system, kiosk, or self-service unit, the TCx™ 800 POS platform combines powerful performance and exceptional reliability

Value Props

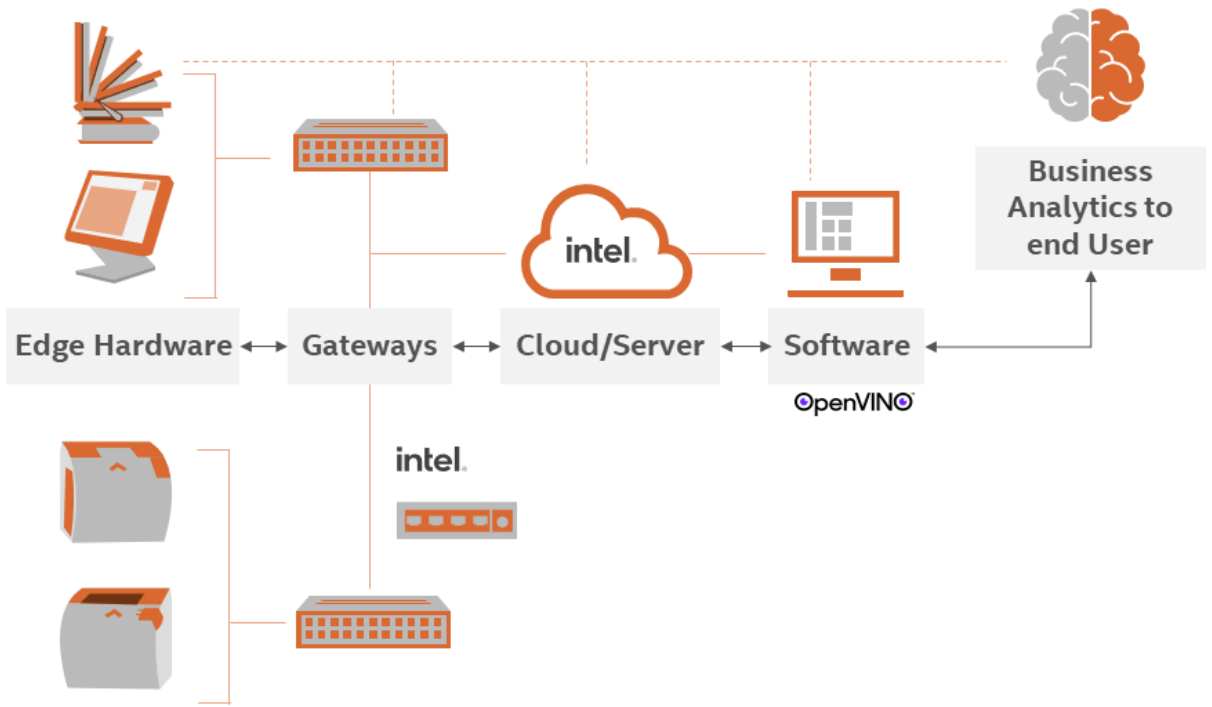
Deploy easily with an adaptable solution based on available in-store space

Improve productivity with a solution that uses a familiar interface

Enhance customer experience with quicker checkouts and a more responsive, reliable platform

Intel Components

- Intel® Celeron® Processors
- Intel® vPro® Platform
- Intel® Core™ i3, i5, and i7 Processors



Target Vertical:
Retail

Target Use Case:
Interactive Media

Secondary Use Case:
Asset and Operations Optimization

Geo Availability
North America, South America, Europe, Middle East & Africa, APJ

Learn More

- Toshiba Website
- Edison White Paper
- Comparing Toshiba all-in-one POS platform against its competitors
- TCx™ 800 Datasheet

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Touch Cloud

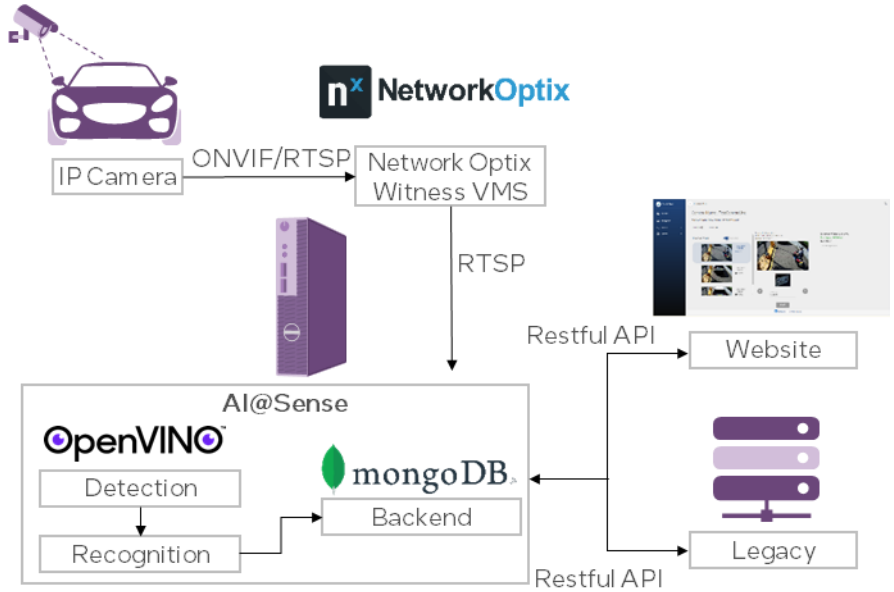
Touch Cloud AI@Sense LPRS

Solution Overview

Without fence or gate systems to keep traffic slow, many parking lots struggle to efficiently implement accurate license plate recognition. To address these issues, the Touch Cloud AI@Sense LPRS, using Intel® OpenVINO™ technology, detects and recognizes license plate images to support a variety of scenarios including real-time LPR for parking lots, vehicle access control, traffic enforcement, and additional transportation situations. Transportation customers can easily and remotely deploy the solution to increase visibility and overall operational efficiency.

Value Props

- Experience high-accuracy vehicle plate recognition in various scenarios with a solution that can adapt to conditions like rain, shadows, different license plate angles, and high vehicle speeds
- Enhance visibility into vehicles on premises with remote viewing options and robust backend searchability for operators
- Improve operational efficiency through real-time, automated license plate data capture, enabling faster decision making and reduced manual workloads for vehicle tracking and access control
- Enjoy quick, low-touch deployments with a plug-and-play system that can be remotely set up and only requires a minimum connection between existing IP cameras and the Touch Cloud AI@Sense platform



Intel Components

- Intel® Core Processors
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Transportation

Secondary Vertical:
Government, Hospitality, Manufacturing, Retail

Target Use Case:
Logistics & Tracking

Secondary Use Cases:
Control Optimization & Autonomy

Geo Availability
Asia, Pacific, and Japan

Learn More
- Touch Cloud Homepage

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Touch Cloud

Touch Cloud/WPI TC Telescope

Solution Overview

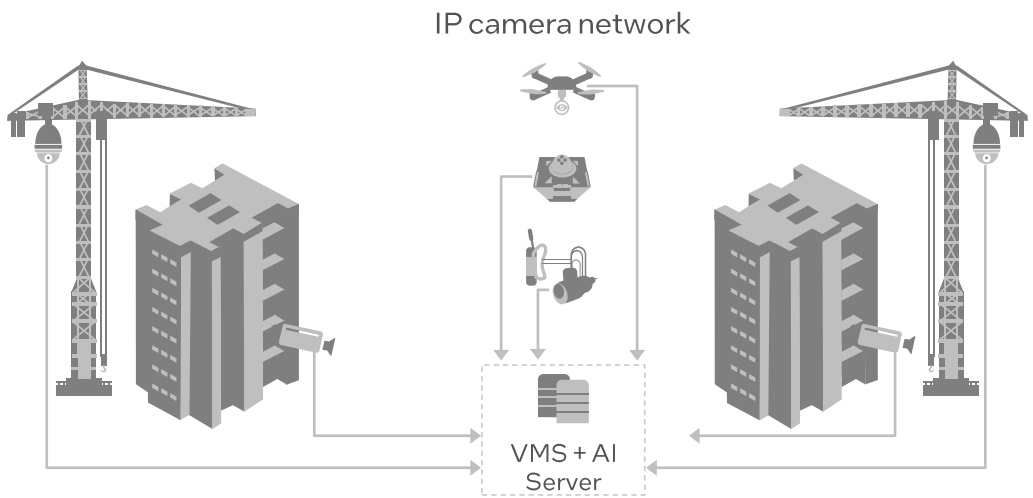
A computer vision surveillance solution designed to capture objects and human behaviors in real-time within a designated construction zone for monitoring and security purposes. The solution effectively and detects people and traffic movement to provide site safety and security.

Value Props

- Increase worker safety by recognizing PPE violations in construction zones
- Enhance security by surveilling designated areas and detecting abnormal objects
- Improve business logic via incident analysis of stored video footage

Intel Components

- Intel VPU
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Core™ Processors



Target Vertical:
Manufacturing

Target Use Case:
Situational Monitoring

Secondary Use Cases:
Asset & Operations Optimization, Product Inspection, Human Wellness Monitoring

Geo Availability
Available in APJ

Learn More
- Touch Cloud Homepage

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Touch Cloud

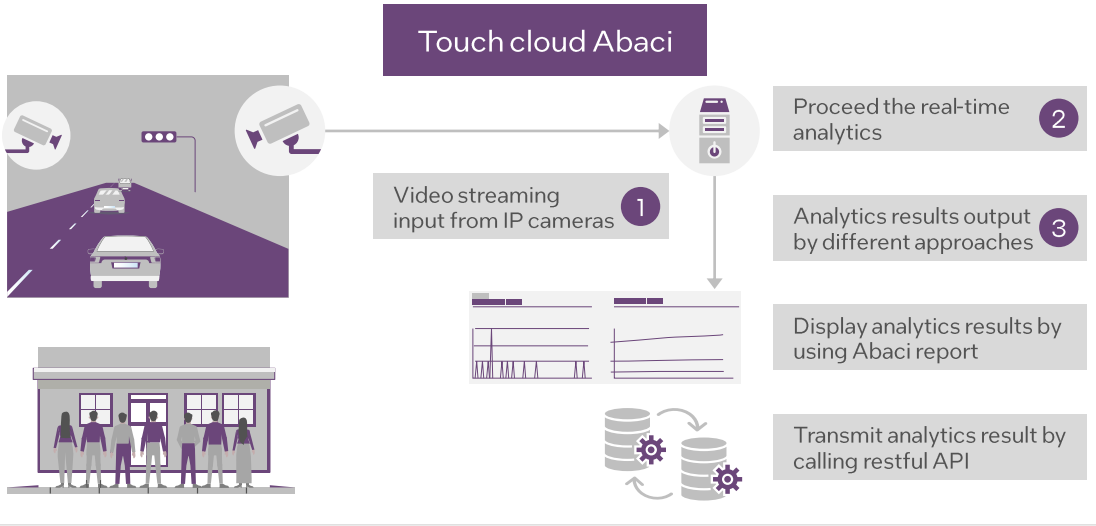
Touch Cloud Abaci – The Realtime Flow and Crowd Counting Solution

Solution Overview

The Touch Cloud Abaci Realtime Flow and Crowd Counting Solution enables people counting in buildings and public transportation settings. This solution utilizes real-time analytics that enables better resource management and can improve operational efficiencies.

Value Props

- Enhance resource management by leveraging crowd counting capabilities
- Promote improved safety measures with real-time analytics that provide insight into capacity of specific areas
- Improve operational efficiencies via plug-and-play functionality that reduces setup time and can report analytics within ten minutes of setup



Intel Components

- Intel® Core™ i5 Processors
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical: Transportation

Secondary Vertical: Retail

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Interactive Media

Geo Availability

Available in Japan, South Korea, Taiwan, Southeast Asia

Learn More

- Touch Cloud website

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太奇雲端
Touch Cloud

Touch Cloud Inc. Portable Smart Construction Site Surveillance and Event Detection System

Solution Overview

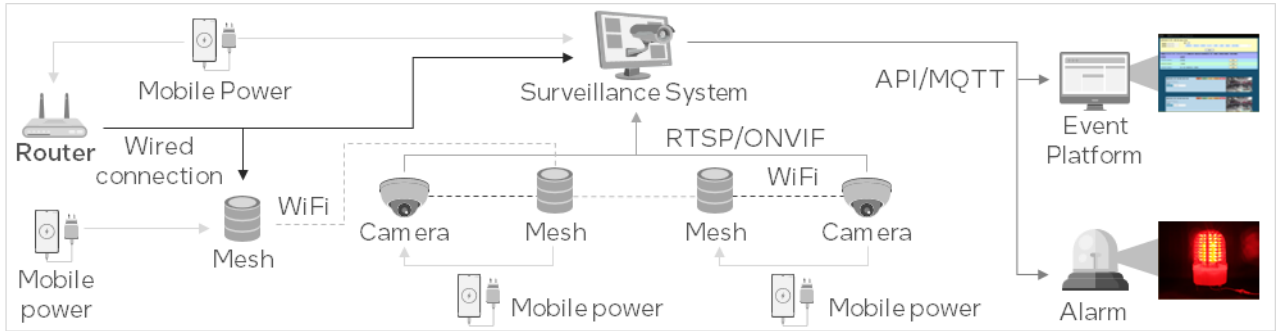
The Portable Smart Construction Site Surveillance and Event Detection System is designed to solve safety problems on construction sites. The system uses wirelessly connected network cameras to collect streaming data from construction sites to detect and recognize safety violations as they occur, all without a fixed power source. Alarms are triggered and the violation event is then displayed on the web platform for supervisors to monitor. This ensures that supervisors are made aware of potential dangers and can act to prevent incidents before they occur, limiting the likelihood of accidents and injury. When compared to manual monitoring, this approach reduces fatigue and errors in supervisory personnel by concentrating all monitoring to one holistic online event platform and sending real-time alerts, further ensuring construction site safety.

Value Props

Help improve safety and compliance at construction sites by detecting potential hazards before incidents occur, helping to protect workers from injury

Enable flexibility and efficiency with a solution that is portable and easy to deploy in a variety of job environments, maximizing productivity

Enable holistic management using an online event platform to apprise supervisors of potential hazards across many job sites simultaneously



Intel Components

- Intel® Core™ i7 processors
- Intel® Core™ i9 processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical: Manufacturing

Secondary Vertical: Government

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Control Optimization & Autonomy

Geo Availability: Asia, Pacific, and Japan

Sales Contact:
Simon Lee - simon.lee@touchcloud.com.tw

Solution Webpage

- Touch Cloud Website

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TOUCHSOURCE

TouchSource Digital Directory Experience

Solution Overview

The TouchSource Digital Directory Experience delivers captivating digital displays and IoT-connected directory solutions to improve the interactions with tenants, visitors, patients, and retail shoppers. The approachable, interactive technology provides simple, affordable, and easy-to-own digital directories in a various smart buildings.

Value Props

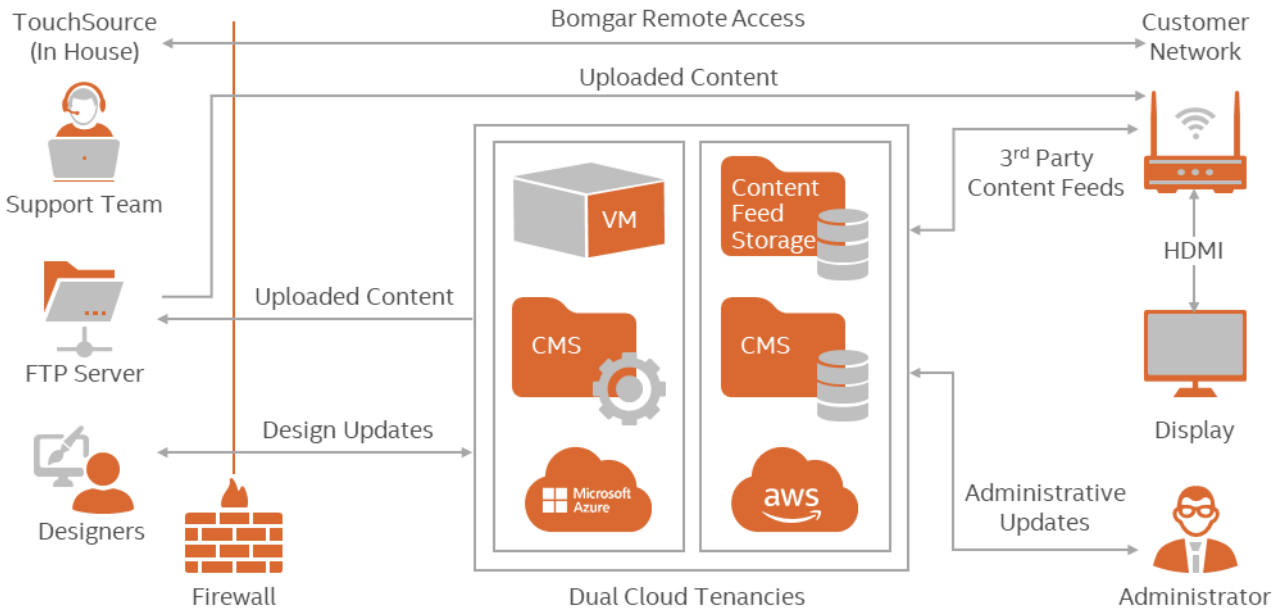
Empower your team with access to the TouchSource digital content system on various platforms for fast, self-service updates anytime

Leverage data-driven insights from TouchSource solutions to win new tenants and improve building operations

Enhance visitor and tenant experiences with indoor and outdoor digital display solutions to deliver compelling and customized interactions

Kit Components

- Intel® Core™ i7 Processors
- Intel® Core™ i5Processors
- Intel® Celeron® Processors
- Intel® Core™ i3 Processors



Target Vertical:
Retail

Secondary Vertical:
Hospitality

Target Use Case:
Interactive Media

Geo Availability
North America

Learn More
- TouchSource Website

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TRISON

Trison signage.ninja

Solution Overview

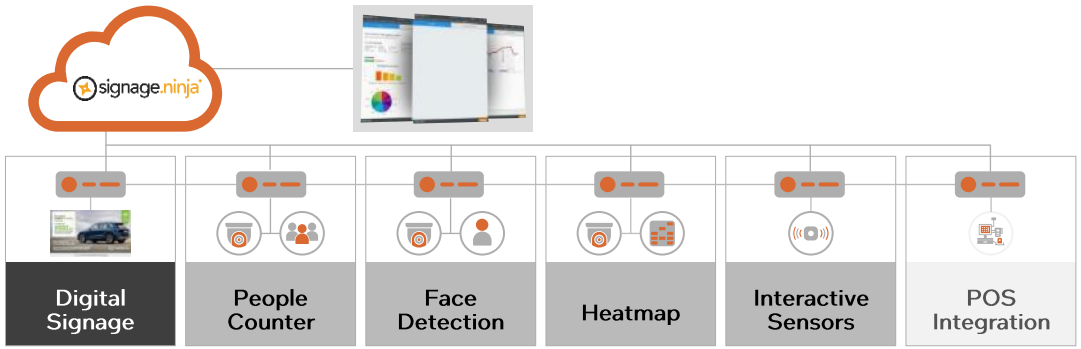
The market for digital signage is increasingly competitive and companies are looking for solutions that form a cohesive digital landscape to help execute their messaging strategy. Trison UK's signage.ninja is a state of the art, cloud-based, campaign management and business intelligence solution that enables users to connect and modify their digital signage assets in a highly accessible user interface. The solution supports remote changes, automatic real-time updates, and highly granular scheduling options that can be deployed and customized across any number of screens and storefronts. Moreover, signage.ninja provides in-store retailers with tools to collect and analyze valuable customer data, enabling them to improve the customer journey by aligning with demographics, behaviors, and other various customer needs.

Value Props

Increase operational efficiency by reducing the time and expertise required to execute a successful and cohesive in-store messaging and marketing strategy

Increase revenue by leveraging analytic and customer data to effectively implement targeted services and advertisements

Create consistent messaging by ensuring corporate messaging is delivered correctly, at the right time, and to the intended workforce and customer base



Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Celeron® processors
- Intel® Core™ i5 processors
- Intel® Core™ i3 processors

Target Vertical:
Retail
Secondary Verticals:
Banking/Financial Services, Energy, Gaming & Entertainment, Government, Health & Life Sciences, Hospitality, and Manufacturing

Target Use Case:
Interactive Media
Secondary Use Cases:
Assets & Operations Management

Geo Availability
Mexico, People's Republic of China, Taiwan, Germany, Middle East, North Africa, Turkey, United Kingdom, United States

Learn More
- Trison UK Website

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trueform

Trueform Indoor and Outdoor Digital Advertising Displays

Solution Overview

Trueform Indoor and Outdoor Displays create high quality digital experiences for a wide range of applications from retail to wayfinding and smart cities. Trueform displays are a complete end-to-service, providing hardware, software, and services all designed and manufactured by Trueform.

Value Props

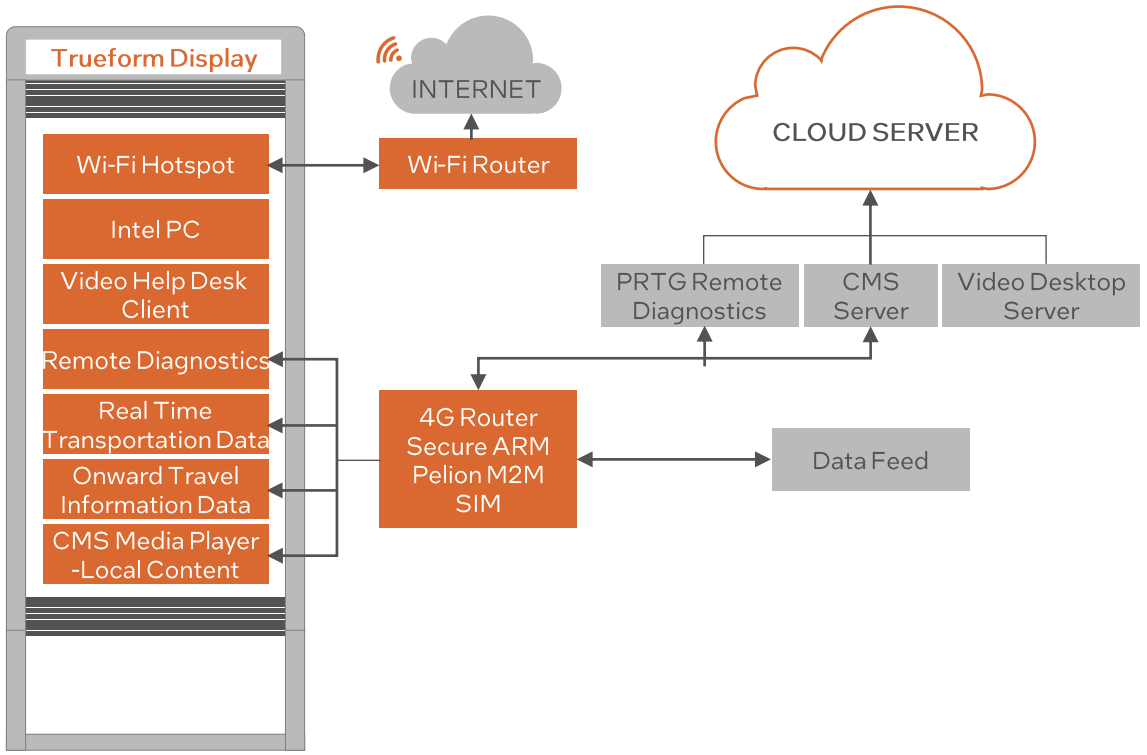
Enhance the user experience with captivating, interactive visual displays that can help increase customer loyalty and drive sales.

Deploy anywhere with options for any space, from retail stores to city streets, and the ability to customize solutions based on customer needs.

Deploy simply and drive solution management efficiency with comprehensive field services including installation, logistics, project management, maintenance, and remote monitoring.

Kit Components

- Intel® NUC
- Intel® Core™ i5 and i7 Processors



Target Vertical:
Retail
Secondary Verticals:
Manufacturing, Transportation, Smart Cities

Target Use Case:
Interactive Media
Secondary Use Cases:
Environmental Monitoring, Human Wellness Monitoring, Machine Condition Monitoring, Product Inspection, Situational Monitoring

Geo Availability
Brazil, Canada, Mexico, USA, Other Americas, Australia, New Zealand, India, Japan, South Korea, PRC, Taiwan, Germany, Israel, Middle East, North Africa, Turkey, Russia, Sub-Saharan Africa, UK.

Learn More
- The Trueform Website

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TTTech industrial

TTTech Industrial Nerve Blue

Solution Overview

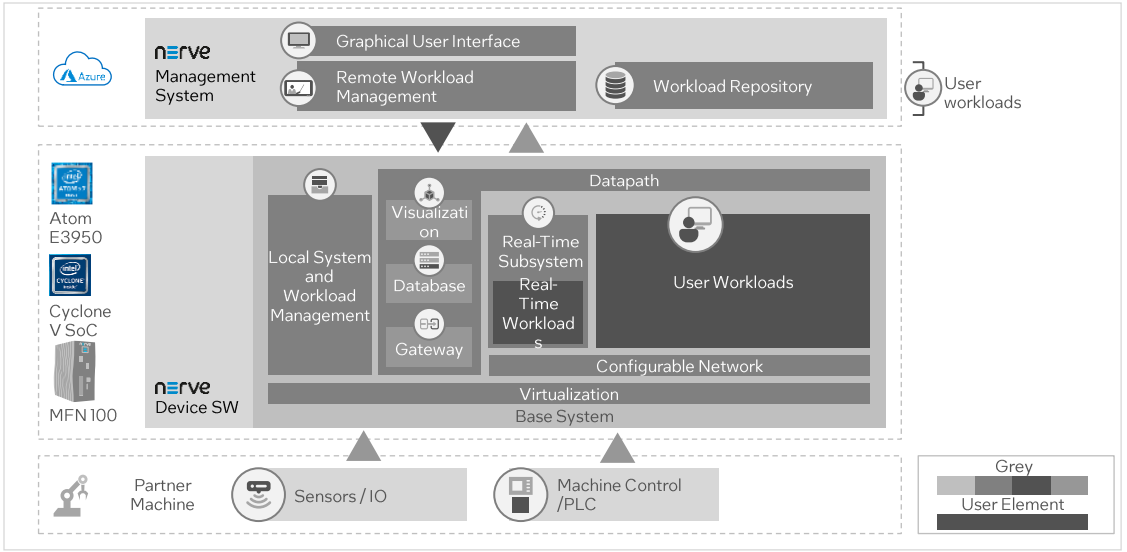
An industrial software platform that consolidates workloads, enabling machine builders to deliver data and offer services to customers anywhere in the world. Nerve Blue allows users to reduce system complexity and cost, improve machine performance, and offer new machine services.

Value Props

Collect, store, and analyze machine data to improve machine performance

Consolidate multiple functions on a single device with workload consolidation capabilities that virtualize resources

Manage and deploy software so that customers can offer new machine services



Intel Components

- Intel® Atom® Processors
- Intel® FPGA Cyclone®

Target Vertical: Manufacturing

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Machine Condition Monitoring

Geo Availability

Available in North America, Europe, China, and Japan

Learn More

- TTTech Industrial Home Page

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TVARIT
FAST AND PERSISTENT

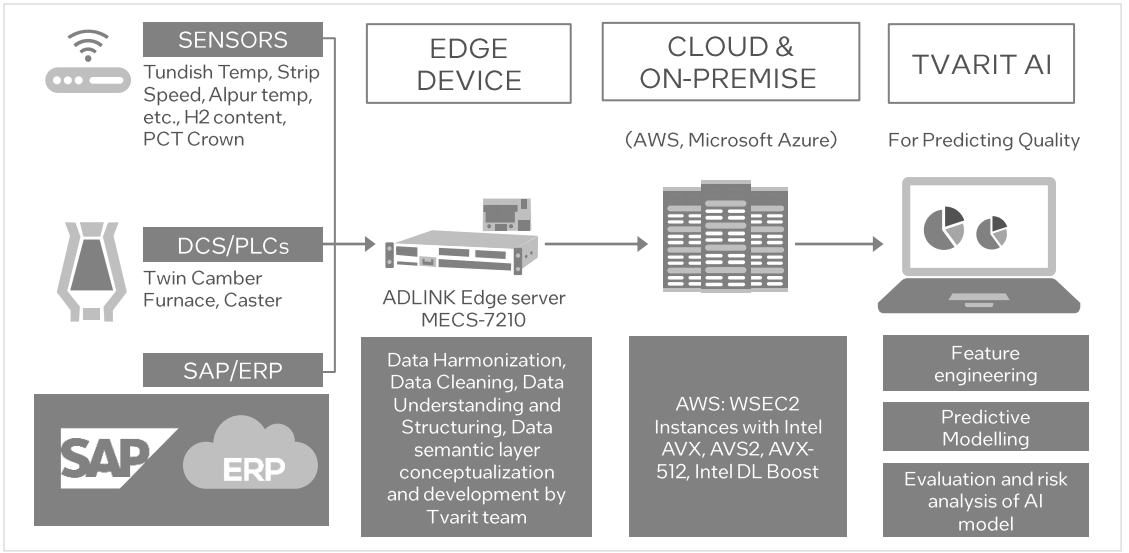
Tvarit Industrial AI Solution

Solution Overview

The Tvarit AI Solution helps businesses decrease quality defect rates in metal coil production and provides complete, intelligent, and connected control over production processes

Value Props

- Optimize overall equipment effectiveness (OEE) for aluminum and metal manufacturing
- Improve defect detection accuracy and reduce the number of quality defects
- Reduce downtime and waste through root cause analysis



Intel Components

Intel® Xeon® Processors

Target Vertical: Manufacturing

Target Use Case: Product Inspection

Secondary Use Cases: Machine Condition Monitoring, Asset & Operations Optimization

Geo Availability

Available in Germany and India

Learn More

- Tvarit Website
- Tvarit AI Video

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UST Vision Checkout Kiosk

Solution Overview

Today's customers are increasingly looking for contactless shopping experiences, and to meet the demand for an accelerated checkout process, UST has developed the Vision Checkout Kiosk. The solution is an AI-enabled, smart, touchless checkout system that offers 3x faster self-checkouts powered by computer vision and gesture technology. It utilizes edge computing and AI-enabled hardware to accurately identify items, ring up orders, and accept payment to expedite the checkout process, improving the overall in-store experience.

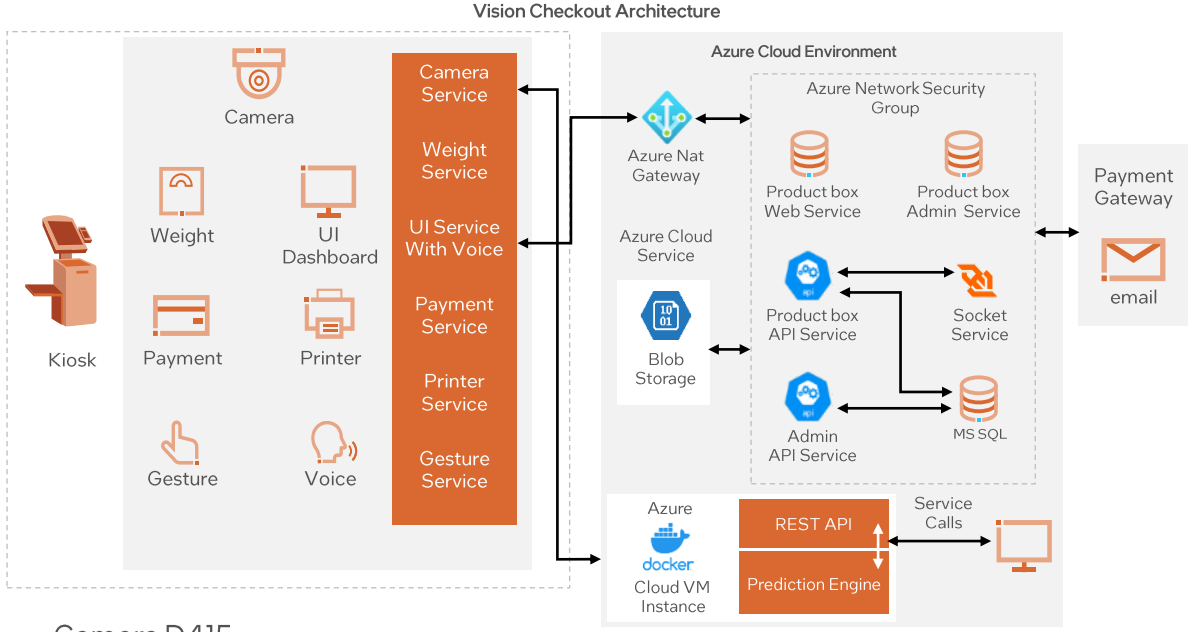
Value Props

Enhance end customer experience with an intuitive digital interface that quickly and conveniently guides users through the purchasing process

Optimize checkout process with a contactless grab-and-go service system that automates product detection and increases checkout efficiency

Reduce operational costs with access to downloadable inventory reports that improve record keeping and enable retailers to scale their resources accordingly

Vision Checkout Architecture



Kit Components

- Intel Components
- Intel® Core™ Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® NUC
- Intel® RealSense™ Depth Camera D415
- Intel® Edge GPU Server

Target Vertical:
Retail

Secondary Verticals:
Hospitality and Restaurants, Cruise Industry, Healthcare

Target Use Case:
Interactive Media

Geo Availability
Asia, Pacific, Japan, Americas, Europe, Middle East

Learn More
- UST – Home page

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UST Global: Retail Analytics for Covid-19 and Beyond

Solution Overview

The UST Global Retail Analytics for Covid-19 and Beyond solution helps provide a safe shopping experience for customers in the store by analyzing the videos from store security cameras, empowering store managers with near real-time visibility of customer count and enables proper implementation of social distancing and hygiene practices to create a safer space for customers.

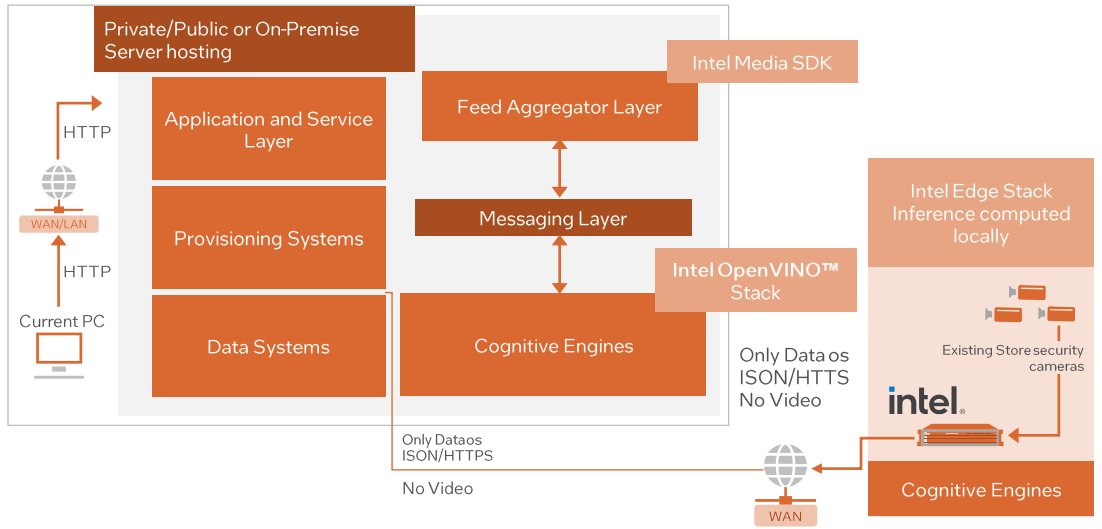
Value Props

- Address regulatory compliance by tracking implementation of social distancing guidelines for safe shopping in stores
- Identify 'hot zones' where there is no social distancing, and identify sanitation needs in areas where there is frequent touching

Intel Components

- Intel® Media SDK
- Intel® Distribution of OpenVINO™ toolkit stack
- Intel® Edge stack

Deployed on Intel cloud for edge-Proposed architecture



Target Vertical: Retail

Target Use Case: Situational Monitoring

Geo Availability

Available in US, Europe and APAC

Learn More

The UST Global website

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Vaelsys V4

Solution Overview

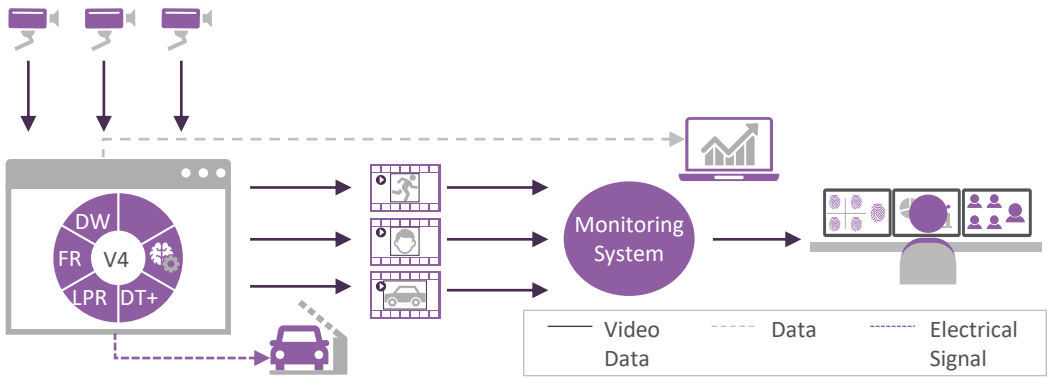
Vaelsys V4 is an AI-powered video analytics software platform that enables users to implement efficient, automated, and customizable safety and security solutions. V4 identifies and categorizes people, objects, vehicles, or actions in real-time. Based on the data gathered, it sends programmed responses with relevant footage to the appropriate party and triggers automated responses. V4 is designed as an open platform, making it compatible with any camera regardless of the manufacturer, and supports seamless integration by converting images into easy-to-use data that ensures functionality with different types of software.

Value Props

Increase operational efficiency by intelligently leveraging security video footage and implementing automated and customizable security protocols that decrease response times, improve detection accuracy, and increase monitoring range

Help enhance security with tools to provide user-specific surveillance capabilities such as tracking visual and thermal analytics, displaying maximum detection distances, monitoring unlimited intrusion zones, and specific post detection protocols

Reduce labor costs by decreasing the amount of hired security needed to monitor and analyze video footage to effectively execute the appropriate security responses



Intel Components

- Intel® Atom® Processors
- Intel® Core™ i3, i5 and i7 Processors
- Intel® NUC
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ Toolkit

Target Vertical:
Government

Secondary Verticals:
Banking/Financial Services, Manufacturing, Education, Transportation, and Retail

Target Use Case:
Situational Monitoring

Secondary Use Cases:
Environmental Monitoring, Logistics & Tracking, and Product Inspection

Geo Availability
Spain, France, Portugal, Italy, Ireland, Ecuador, Other Americas, and United Kingdom

Learn More
- Vaelsys Website

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Vecow
Smarter AIoT Solution Services

Vecow VHub AI Fever Scan Solution

Solution Overview

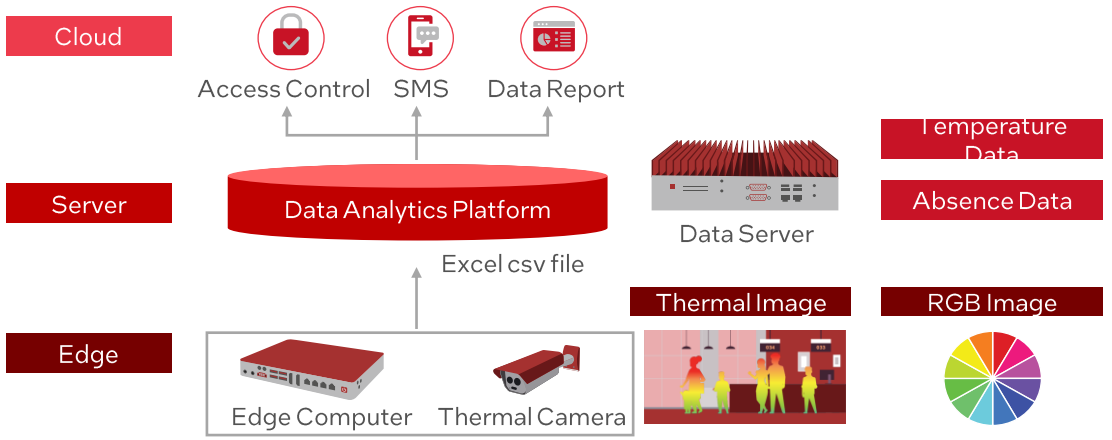
The Vecow VHub AI Fever Scan Solution is a portable, contactless screening system that manages access control by identifying individuals and detecting high body temperature to help increase end user and staff safety. The solution is equipped with a thermal camera to measure body temperature, AI algorithms to identify individuals with high body temperature, and a portable smart access control unit that manages crowds through an immediate locking system paired with alarm notifications to report and control safety threats in real-time.

Value Props

Help increase safety with an all-in-one solution that can detect and track elevated body temperature of visitors and staff

Execute efficient body temperature scanning with a high-accuracy solution to increase staff productivity by allowing them to focus on more valuable tasks

Help control the spread of infectious disease with immediate alarm notifications and locking system, enabling businesses to experience high traffic



Intel Components

- Intel® Core™ i3 & i7 Processors
- Intel® Atom® Processors
- Intel® Xeon Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Movidius™ VPUs

Target Vertical:
Health & Life Sciences

Secondary Vertical:
Education, Government, Hospitality, Retail, Other

Target Use Case:
Human Wellness Monitoring

Geo Availability
United States, Australia, New Zealand, India, Japan, South Korea, People's Republic of China, Taiwan, Germany, United Kingdom

Learn More
- Vecow Solution Website
- Vecow Website

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Vecow

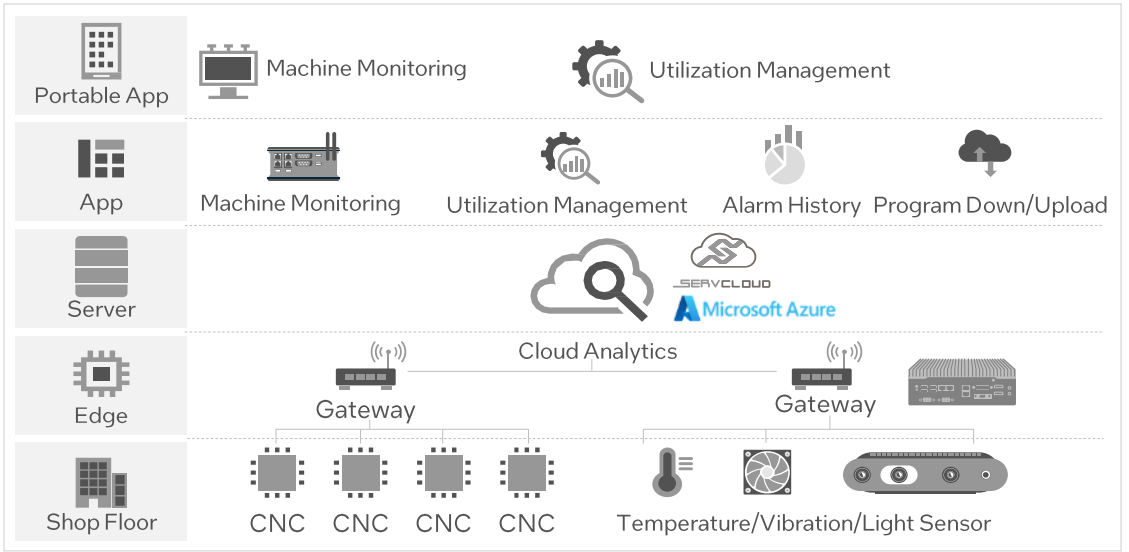
Vecow Co., Ltd. Machine to Machine Solution

Solution Overview

A scalable, cost-effective plug-and-play smart factory solution that enables machine automation and predictive maintenance. The Vecow solution enables smart factories to optimize manufacturing processes, reduce workloads, and maximize efficiency.

Value Props

- Reduce cost with machine automation that helps customers avoid rework and corrective maintenance
- Maximize productivity with a solution that allows for longer factory work-hours and increased uptime
- Make informed decisions by gathering and analyzing data on machine down time, alarm history, and productivity



Intel Components

- Intel® Core™ i5 Processors
- Intel® Xeon® Processors

Target Vertical: Manufacturing

Target Use Case: Machine Condition Monitoring

Secondary Use Cases: Asset & Operations Optimization, Control Optimization & Autonomy

Geo Availability

Available in Taiwan, China, Thailand, India, Germany, Denmark

Learn More

- Vecow home page
- Cosmos partner page

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Vecow

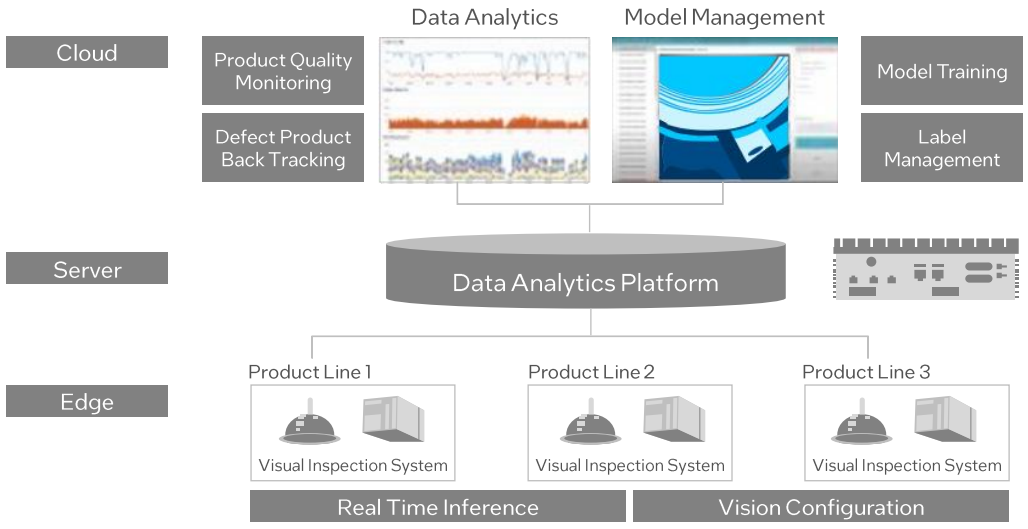
Vecow Surface Defect Inspection Solution

Solution Overview

Vecow Surface Defect Inspection Solution is a cutting-edge physical inspection solution that automates the visual inspection process. This solution collects quality data in real-time while saving costs and improving the false acceptance rate. The solution indicates surface defects on products that conventional machine vision technology would struggle to identify.

Value Props

- Continuously improve defect detection rates by leveraging built-in feedback that reduces potential costly errors
- Reduce costs and increase ROI with a solution that deploys quickly and can be integrated into existing infrastructure
- Streamline deployment and management time with actionable data that surfaces changes in production quality within seconds



Intel Components

- Intel® Xeon Processors
- Intel® Core™ Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Movidius™ VPUs

Target Vertical: Manufacturing

Target Use Case: Product Inspection

Secondary Use Case: Logistics & Tracking

Geo Availability

Available in United States, PRC, Japan, Canada, Taiwan, Germany, and the UK

Learn More

- Vecow website

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Vecow

Vecow Sterilization AMR

Back to Manufacturing Solutions
Back to Logistics & Tracking Solutions

Solution Overview

In today's market, many offices, hotels, and buildings are searching for a contactless sterilization system. To address this demand, the Vecow VIK-UV Sterilization AMR was developed to provide a sterilization solution that is also capable of transporting up to 80kg of weight. With the solution's dynamic mapping system, the AMR can avoid non-static obstacles – such as humans and other AMRs, detect environmental boundaries, and operate in the dark by utilizing a combination of cameras, micro-sensors, and a LIDAR array. The VIK-UV AMR also comes with the VHub ROS, a SWARM enabled solution with AI and Robotic Control functions that accelerate AMR application and protocol development.

Value Props

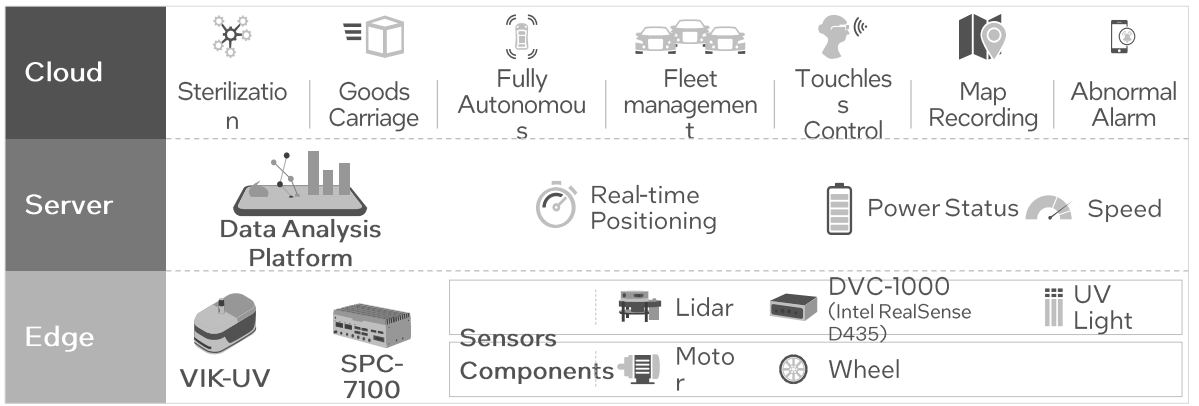
Maintains healthy and safe working environments by sterilizing over 21.6% of passed surface areas and automating tasks that facilitate strict exposure protocols

Increases workplace efficiency by automating delivery tasks and helping facility management teams focus on high priority tasks

Reduces total cost of ownership with flexible device rates, customer support, and an intuitive SDK interface that helps customers rapidly deploy their AMR fleet

Intel Components

- Intel® Core™ Processors i5, i7, i9
- Intel® Xeon® Processors
- Intel® RealSense™ D435i
- Intel® Distribution of OpenVINO™ toolkit



Target Vertical: Manufacturing

Secondary Verticals: Health and Life Sciences, Hospitality and Restaurants, Retail

Target Use Case: Logistics & Tracking

Secondary Use Case: Environmental Monitoring

Geo Availability Asia, Pacific, and Japan, Americas, Europe, Middle East and Africa, People's Republic of China

Learn More

- Vecow - VHub ROS
- Product Demo - Video

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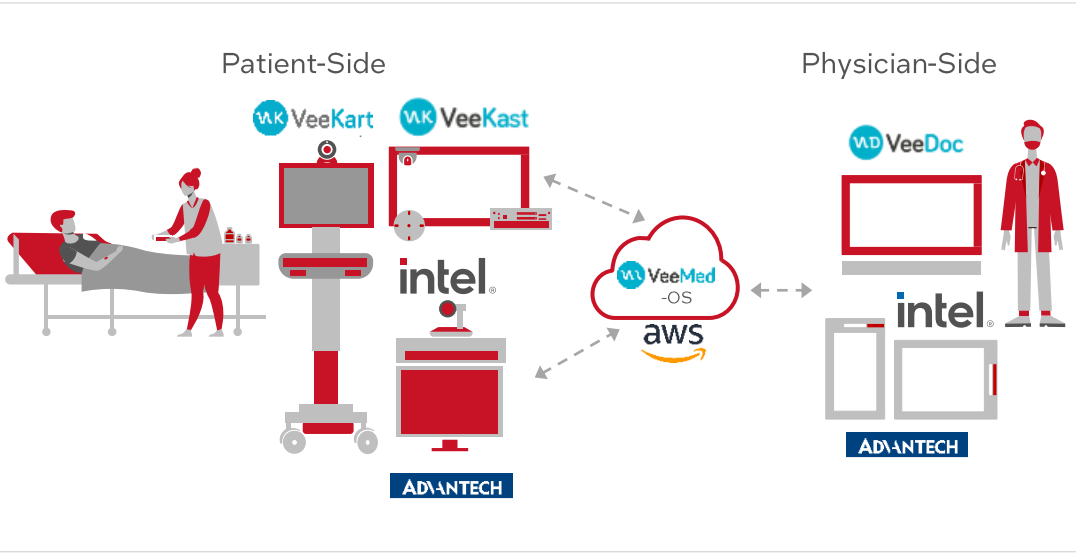
VeeMed TeleHealth Care Delivery

Solution Overview

VeeMed is a virtual care platform that addresses the needs of patients, providers, and healthcare systems at every stage of the patient journey and the entire continuum of care. VeeMed provides everything healthcare systems and remote physicians need to stand up and consolidate a world-class virtual care program.

Value Props

- Increase patient access by removing geographic boundaries and increase revenue along with new markets
- Reduce clinician burnout by giving your team a fast, intuitive, and standardized platform
- Increase patient volume and decrease transfers and length of stay by augmenting on-site staff with a team of board-certified virtual specialists and physicians
- Drive efficiencies with optimized clinical protocols
- Eliminate your call center with VeeMed's integrated on-demand scheduling tools



Intel Components

- Intel® NUC
- Intel® Core™ i5 processors
- Intel® Core™ i9 processors
- Intel vPro® Technology

Target Vertical: Health and Life Sciences

Target Use Case: Human Wellness Monitoring

Geo Availability
United States and EMEA

Learn More
- VeeMed Website (VeeOne Health)

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Vehant Technologies TrafScan® Vehicle Detection System

Solution Overview

As cities grow, they face increasing infrastructure challenges and congestion. Proper management is needed to maintain efficient traffic operations and to keep drivers and other road users safe. TrafScan® Vehicle Detection System by Vehant Technologies is a state-of-the-art, high-resolution vehicle detection camera system that uses artificial intelligence and machine learning-based vision algorithms. It is a non-intrusive system designed to provide vehicular flow information to urban traffic control systems. It enables the verification of vehicle presence, occupancy, count, and classification at traffic signals, as well as automatic incident detection, queue length calculation, and traffic density analysis, in order to help support traffic management.

Value Props

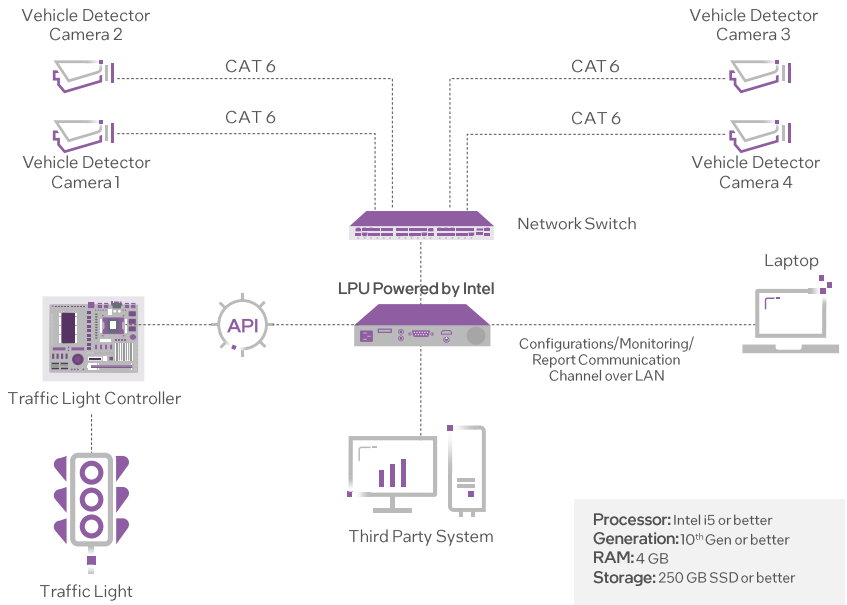
Enhance traffic flow with advanced high resolution visual data analytics to support traffic monitoring and proactive traffic signal control.

Help improve road safety with real time vehicle and pedestrian detection and automatic and verifiable incident alerts to enable faster emergency response.

Optimize cost savings with a solution that is quick and easy to deploy and can be installed on existing infrastructure.

Kit Components

- Intel® Distribution of OpenVINO™ toolkit
- Intel® Ethernet technology
- Intel® Core™ i5 processors



Target Vertical:
Government

Secondary Vertical:
Transportation

Target Use Case:
Situational Monitoring

Geo Availability
APJ

Learn More

- TrafScan® Solution Webpage
- News article highlight on Vehant Technologies

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Drive-Thru Analytics Solution for Quick Service Restaurants (QSR)

Solution Overview

Customers these days want quick and seamless checkout experiences with contactless payment. Restaurants want to meet these demands while also capturing insights from these actions. To meet this demand, V-Series developed the Drive-Thru Analytics Solution for Quick Service Restaurants, a total solution for fast checkout and drive-thru ordering that serves both business operators and customers. The solution collects customer data from various kiosks before sending to the cloud for further analysis. Key stakeholders can access these insights to empower decisions related to sales and operational efficiencies.

Value Props

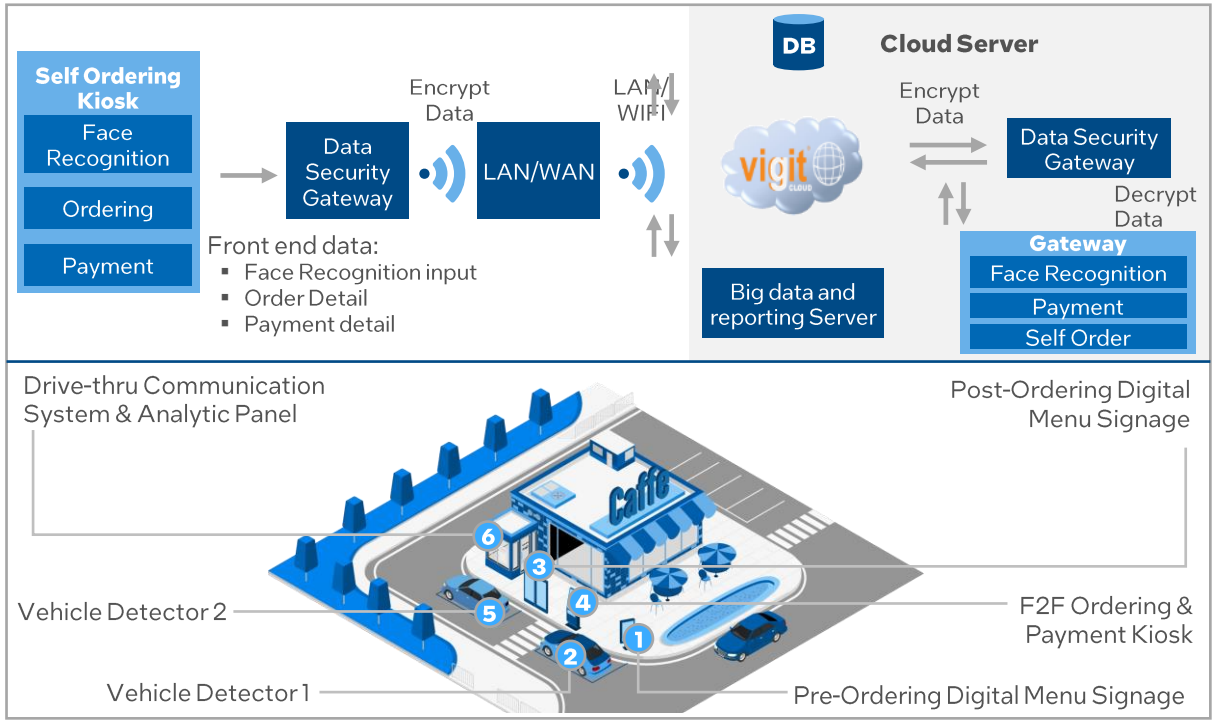
Enhance end customer experience with an intuitive digital interface that quickly and conveniently guides users through the purchasing process

Scale and allocate resource accordingly with reports that demonstrate trends related to ordering behavior to inform strategic business decisions

Reduce operational costs with dynamic kiosk displays that allow menus and promotional content to be updated remotely, mitigating the need for manual intervention

Kit Components

- Intel® Core™ i5 Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Arc™ Graphics Drivers



Target Vertical:
Hospitality and Restaurants

Secondary Vertical:
Retail

Target Use Case:
Situational Monitoring

Geo Availability
APJ

Learn More
- V-Series Website
- V-Series Drive-Thru Solution

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V-SYNC

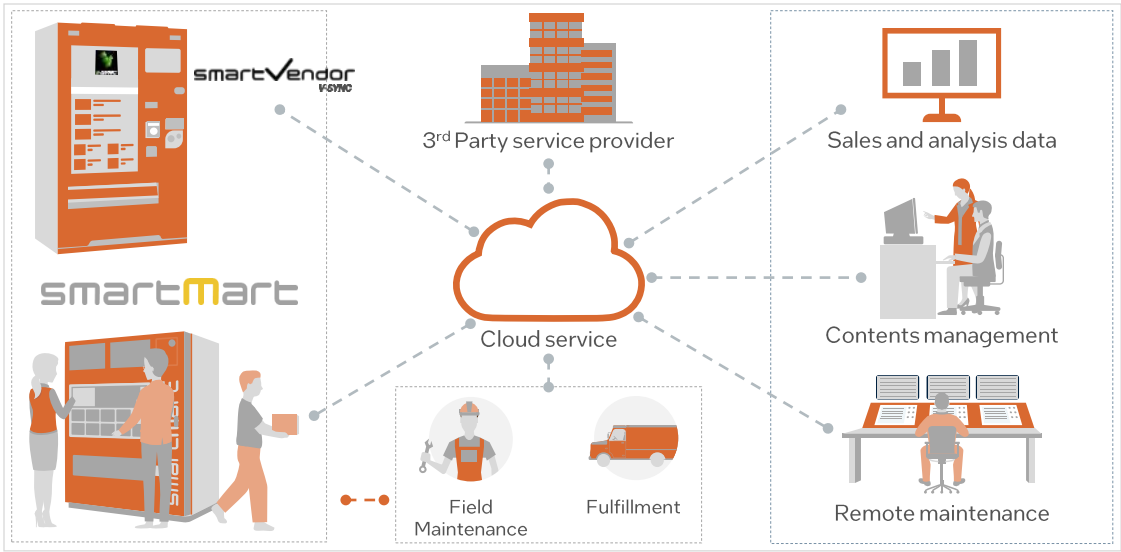
V-Sync SmartVendor

Solution Overview

A state-of-the-art digital signage vending machine equipped with a large LCD, LTE, face recognition, AI and more. V-Sync SmartVendor provides many additional functions from distributing refreshing beverages or hot food to disseminating disaster information.

Value Props

- Maximize revenue with a multifunctional solution
- Minimize opportunity loss with an autonomous maintenance system
- Engage more customers as the solution serve as an interactive information board, take customer photos, and more



Intel Components

Intel® Core™ i7 vPro

Target Vertical: Retail

Secondary Verticals: Government

Target Use Case: Asset & Operations Optimization

Geo Availability

Japan

Learn More

- The V-Sync Official Website

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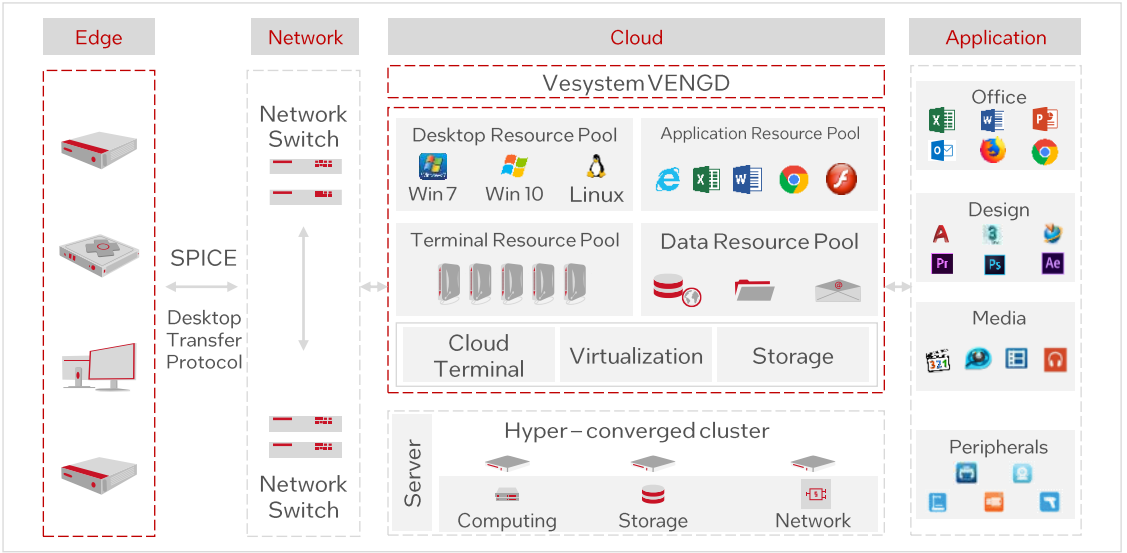
Vesystem Cloud Terminal Healthcare Solution

Solution Overview

An end-to-end cloud desktop solution from Vesystem integrates VDI, VOI, and IDV to achieve front-end and back-end hybridization. Organizations can use the solution to enhance management, security, operation, and maintenance of their large-scale terminals, enabling hospitals to upgrade their IT processes

Value Props

- Increase operational efficiency with centralized deployment, maintenance, management, and security of virtual desktops
- Help improve data security by integration of medical resources into a single cloud management platform for more effective control and share
- Enjoy rapid deployment with a highly compatible solution that does not require changes to original network structure or business applications



Intel Components

- Intel® Celeron® Processors
- Intel® Core™ i3 Processors
- Intel® Core™ i5 Processors

Target Vertical: Health & Life Sciences

Target Use Case: Asset & Operations Optimization

Geo Availability
PRC

Learn More
- Vesystem Website

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VIDEONETICS
the future of video computing

Videonetics Intelligent Video Management Software

Solution Overview

A hierarchical, distributed, and modular enterprise-class video management solution capable of serving diverse use cases with multi-site support. Features fully integrated video management tools to transform raw video data into actionable insights.

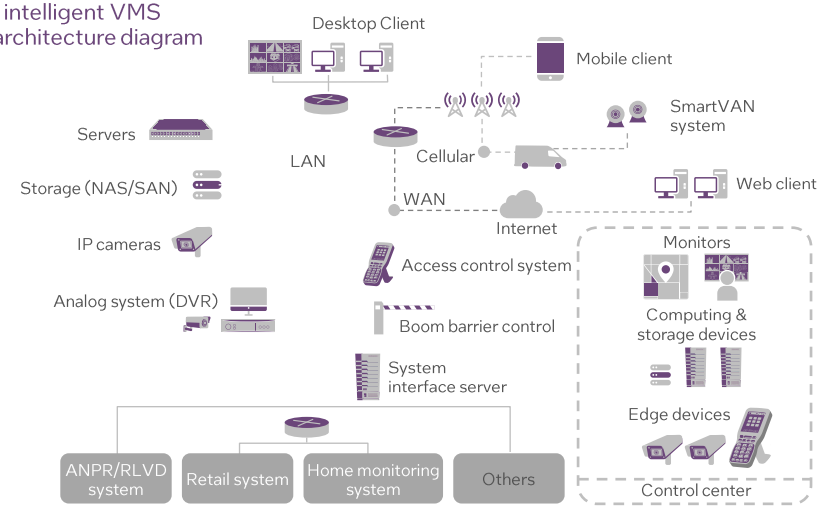
Value Props

- Streamline video management with simple and intuitive GUI
- Leverage AI deep learning with integrated object classification and identification
- Scale across multiple verticals with unified, monolithic system architecture

Intel Components

- Intel® Xeon® processor
- Intel® Core™ i7 processor
- Master, database, media, video analytics, event aggregation, API, and third-party integration API servers
- IoT gateway/edge processor
- Workstations

Top-level intelligent VMS systems architecture diagram



Target Vertical: Transportation

Secondary Verticals: Retail, Banking/Financial Services, Hospitality, Education, Health & Life Sciences

Target Use Case: Situational Monitoring

Secondary Use Cases: Asset & Operations Management, Product Inspection

Geo Availability

Available in SE Asia, Europe, US, UK, Middle East and Africa

Learn More

Videonetics Resources

- Videonetics Intelligent VMS Webpage

Intel Resources

- Videonetics Intel® Solutions Marketplace

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ViewSonic ViewBoard

Solution Overview

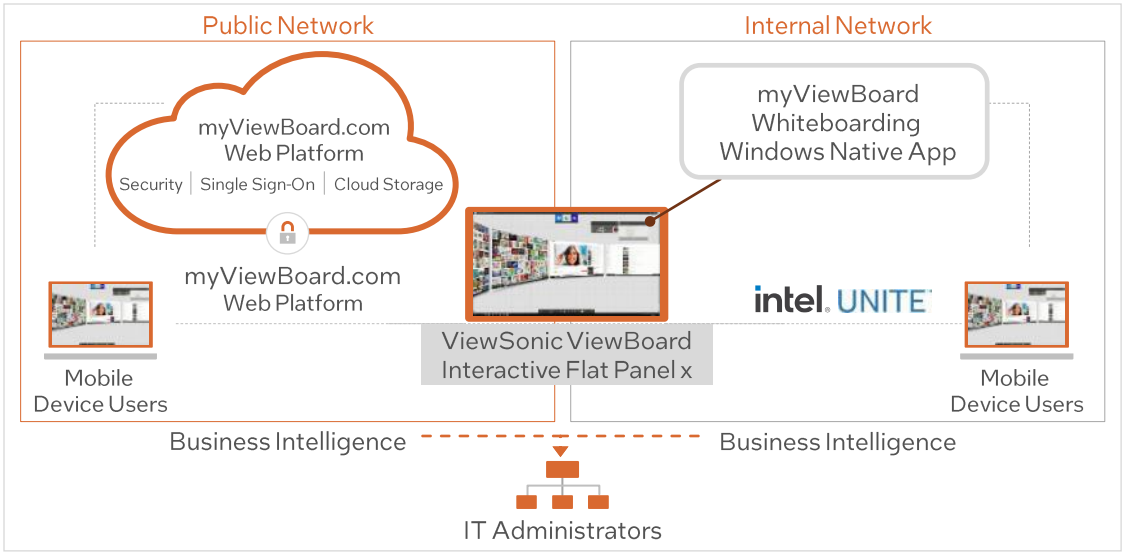
An Interactive Flat Panel (IFP) that provides a scalable and adaptable digital collaboration and whiteboarding experience

Value Props

- Promote collaboration by allowing users to connect and interact with meeting content in real time, from any location
- Foster creativity using interactive software to draw on-screen for more engaging presentations
- Improve productivity with wireless screen sharing, rapid access to content, and customizable settings

Intel Components

- Intel Unite® software
- Intel® Core™ i5 vPro™
- Intel® Core™ i7 vPro™
- Intel Wi-Fi Module



Target Vertical: Retail

Secondary Vertical: Education

Target Use Case: Interactive Media

Geo Availability

Available in the Americas, APAC, Australia/New Zealand, and EMEA

Learn More

- ViewSonic and Intel collaboration on Business Insider
- ViewSonic ViewBoard demo video and training video
- ViewSonic Viewboard compass
- Intel® Solutions Marketplace

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ViewSonic

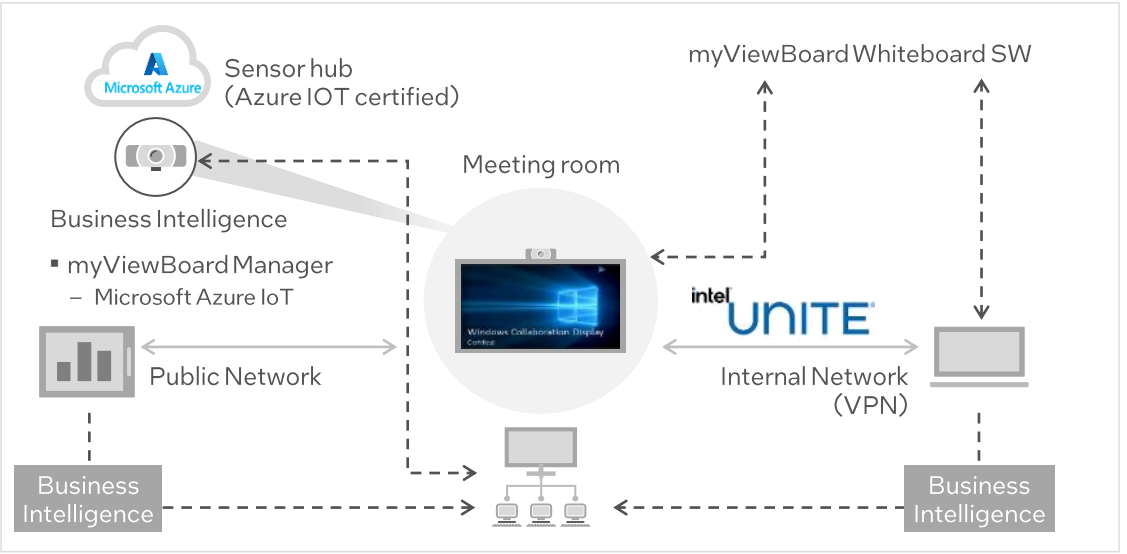
ViewSonic Wireless Collaboration Display

Solution Overview

Wireless Collaboration Display is a high-quality video conferencing solution that provides next-generation tools to help spark creativity and drive productivity. Equipped with a premium conference camera, microphone array, 4K touchscreen, and an Azure IoT sensor, ViewSonic delivers the cutting-edge technology organizations need to digitally transform the workplace, increase meeting efficiency, and drive ideas forward.

Value Props

- Connect seamlessly with instant plug-and-play, wireless, and browser-based connection capabilities that help users quickly and easily display content
- Optimize collaboration with cutting-edge audio and video technology, a high-resolution display, and a natural writing experience
- Simplify setup with user-friendly installation, out-of-the-box functionality, and integrated management and maintenance systems



Intel Components

- Intel® Core™ i7 Processors
- Intel® Core™ i5 Processors
- Intel vPro® Platform

Target Vertical: Other

Secondary Verticals: Banking & Financial Services, Education, Government

Target Use Case: Interactive Media

Secondary Use Cases: Asset & Operations Optimization, Environment Monitoring

Geo Availability
North America, Australia, New Zealand, India, Taiwan, Germany, Israel, Middle East, North Africa and Turkey, Russia, and the United Kingdom

Learn More

- ViewBoard® IFP70 Webpage
- Deloitte Uruguay Modernizes Boardrooms Case Study

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WiCis Health 3.0

Solution Overview

WiCis Health 3.0 Telehealth Beyond Video is a video-integrated telehealth screening system that works on any Internet connected device. By using automated messaging, real-time analytics, flexible billing, and remote monitoring, theWiCis Health 3.0 Telehealth Beyond Video system delivers a platform through which providers can manage careflows.

Value Props

Optimize communications with a file sharing platform that supports MRI scans, doctors' notes, patient pictures, and more

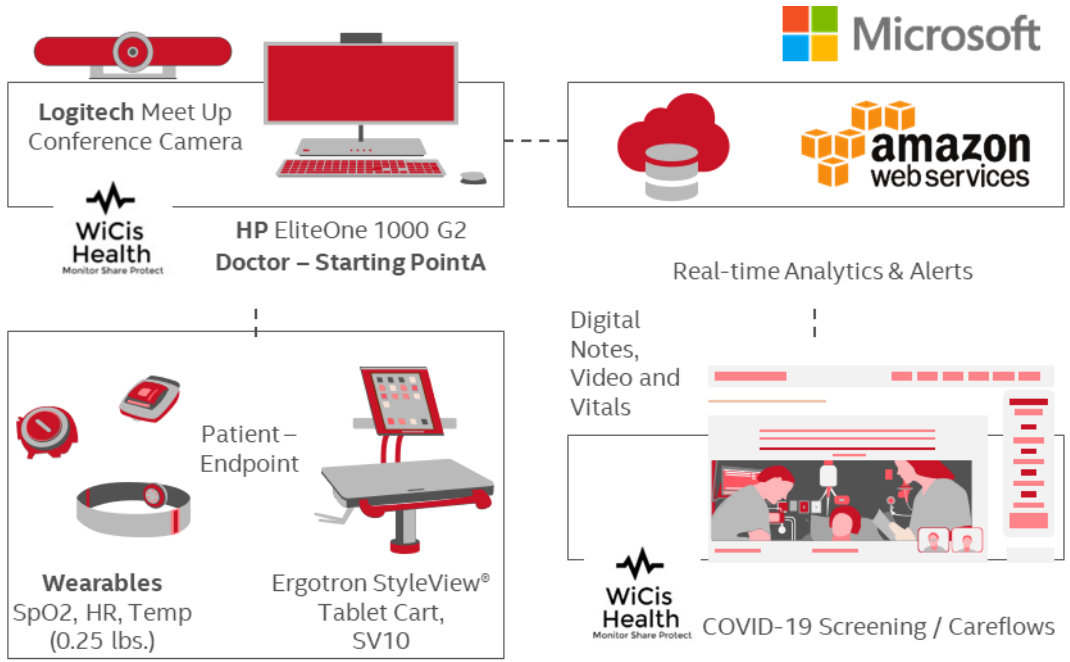
Augment institutional healthcare by centralizing care flows across multiple providers and patients

Generate new revenue streams for caregivers by providing new verticals and services

Access underserved patients with an easy-to-use telehealth system

Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® RealSense™ Technology



Target Vertical:
Health & Life Sciences

Secondary Verticals:
Hospitality, Education

Target Use Case:
Human Wellness Monitoring

Secondary Use Case:
Situational Monitoring

Geo Availability
United States, Australia/New Zealand, India, and EMEA

Learn More
- WiCis Health 3.0 Solutions
- WiCis Health Features
- Home - WiCis Health

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Widya Robotics Intelligent Gate

Solution Overview

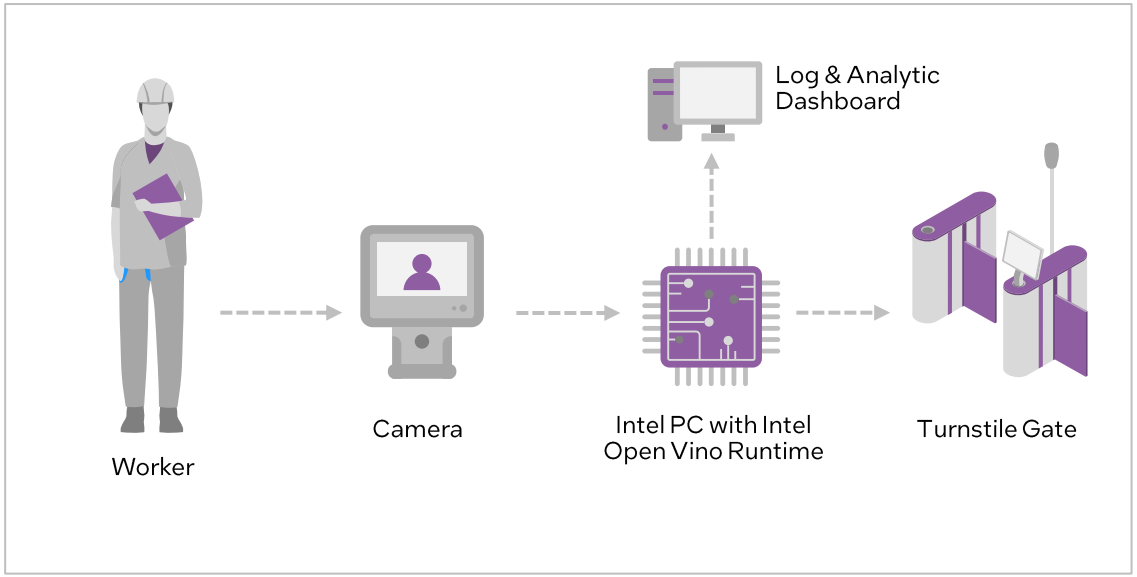
The Widya Robotics Intelligent Gate harnesses the power of cutting-edge AI and reliable Intel® architecture to provide organizations with an integrated turnstile barrier that automatically provides employee identification, scans for the use of Personal Protective Equipment (PPE), and checks body temperature. In just moments, the Widya Robotics Intelligent Gate can identify and verify individuals for fast and secure location access.

Value Props

Help enhance security with a solution that utilizes AI technology for biometric identification to ensure only approved individuals gain entrance.

Streamline workflow with a solution that makes employee identification verification fast and simple through biometric identification.

Reduce costs with a solution that fully automates entrance identification and avoid the need for manual verification.



Intel Components

- Intel® NUC
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Government

Secondary Vertical:
Education, Energy, Health and Life Sciences, Hospitality, Retail, Manufacturing, Transportation, Banking/Financial Services

Target Use Case:
Control Optimization & Autonomy

Geo Availability
Asia, Pacific, and Japan

Learn More
- Widya Robotics Website
- Intelligent Gate Webpage
- Intelligent Gate Video Profile

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Wincomm Corporation

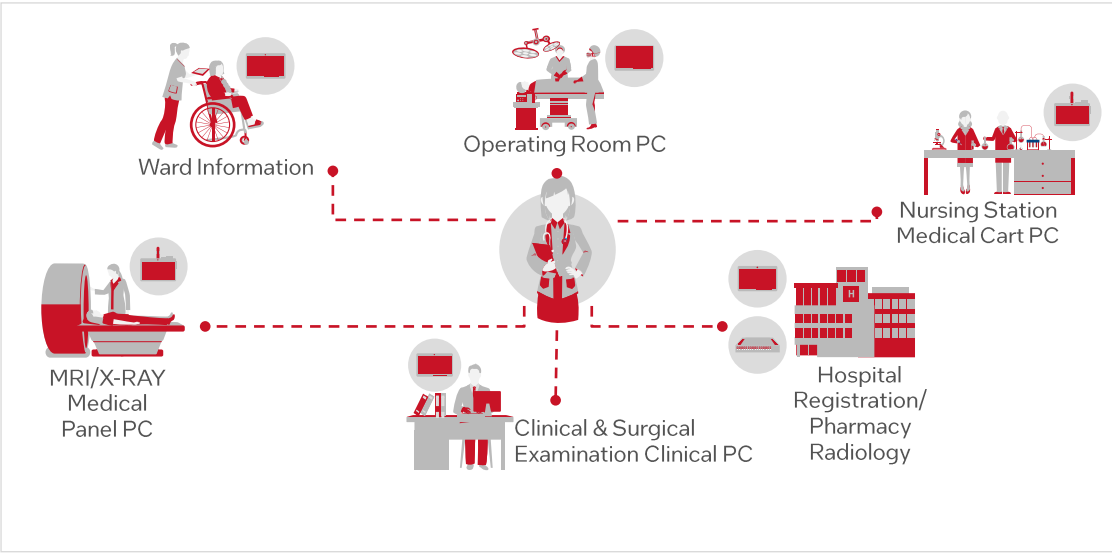
Wincomm Corporation Smart EMR Solution for e-Healthcare

Solution Overview

A series of high-powered medical display panels that enables healthcare providers' preexisting EMR Software. By connecting healthcare facilities with high-res, versatile panels and monitors, hospitals are able to stay connected and easily share important data.

Value Props

- Connect healthcare facilities with flexible implementation across various locations
- Increase Patient Safety with anti-bacterial device housing
- Ensure consistent operability through a collection of failsafe features and additional ports for flexible expansion



Intel Components

- Intel® Core® i5-7200U
- Intel® Core® i5-6200U
- Intel® Core® i7-7700T

Target Vertical: Health & Life Sciences

Secondary Verticals: Government

Target Use Case: Asset & Operations Optimization

Geo Availability
US, EU, APAC, Japan

Learn More
The Wincomm Corporation Smart EMR Solution for e-Healthcare website here

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Wincomm Corporation

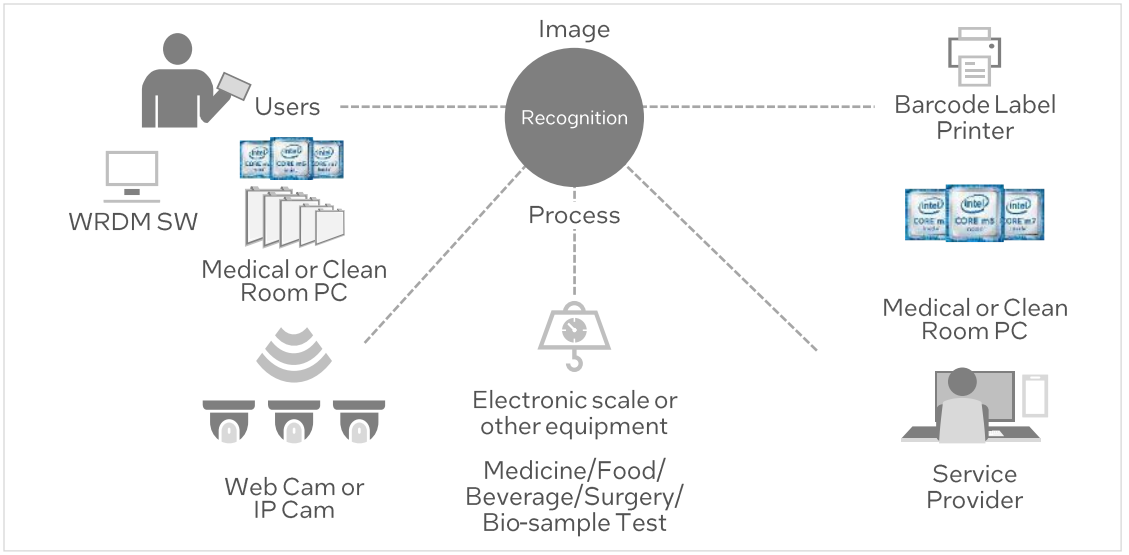
Wincomm Corporation Smart Hygiene Control Solutions

Solution Overview

Wincomm's Smart Hygiene Control Solutions incorporates high-processing power with IPDD/69K Panel PCs. First, it collects and analyzes image data from industry setting processes, such as images of pills, food, mouth covers, and even behaviors. Then, from the data analysis, the system is optimized via machine learning.

Value Props

- Help maintain a sanitary workplace with hardware that incorporates advanced tech for sanitary purposes
- Provide high-adaptability to keep up with fast-moving industry pacing, from the manufacturing setting, to food processing plants, and medical centers
- Monitor industry processes easily with high-powered systems to streamline processes



Intel Components

- Intel® Core™ i5-6500
- Intel Atom® Processors
- Intel® Celeron® Processors
- Intel® Core™ i5 and i7 Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Vision Accelerator Design with Intel® Movidius™ Myriad™ X Visual Processing Unit
- Intel® Ethernet Controller I210-AT
- Intel® Ethernet Connection I219-LM

Target Vertical:
Manufacturing

Target Use Case:
Situational Monitoring

Secondary Use Case:
Asset and Operations Optimization

Learn More

- Application Story
- Intel® Solutions Marketplace
- Stainless Steel Panel PCs' Data Sheets

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Winmore Digit-China Barcodeless Goods Identification Kit

Solution Overview

Most customers are no stranger to long checkout lines at the grocery store. Queues are even longer when employees are required to memorize and manually input lengthy product codes for barcodeless items such as bulk dry goods or fresh produce (e.g., fruits, vegetables, dry food, seafood, bulk snacks, and bakery products). Manual checkout tasks can be time-consuming, costly, and inaccurate increasing the demand for automated solutions that help improve customer service, boost employee morale, and reduce labor costs. The Winmore Digit-China Winmore Barcodeless Goods Identification Kit leverages artificial intelligence to automatically identify products at checkout terminals, with or without barcodes, to help streamline transaction processes.

Value Props

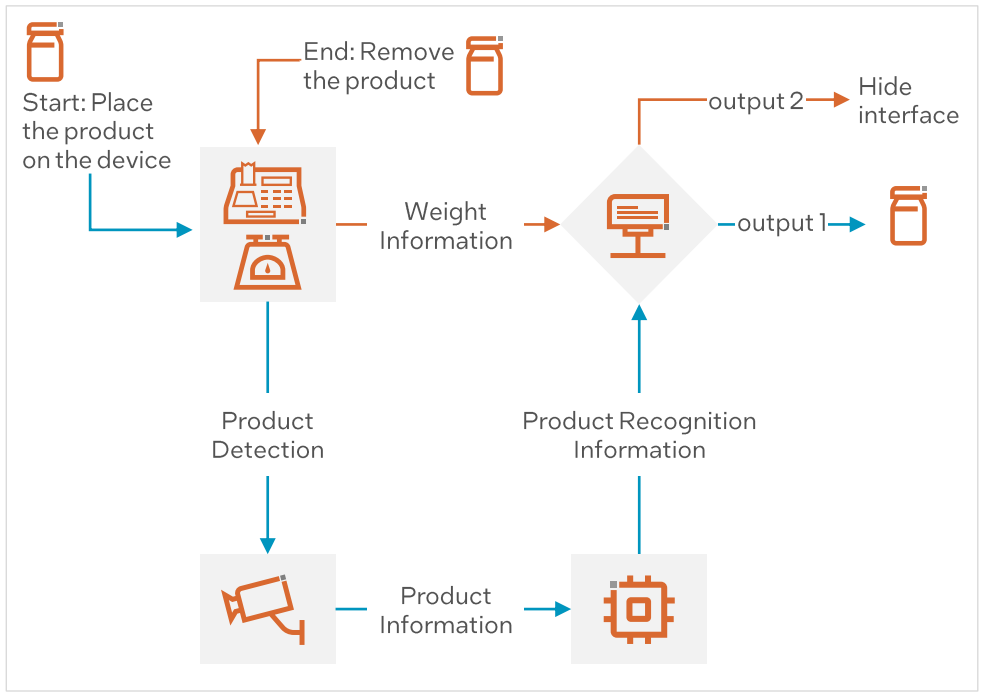
Improve customer experiences by reducing transaction time and shortening customer queues with an automated product identification, weighing, and pricing solution

Streamline operations and increase efficiency by decreasing the need for staff intervention with an easy-to-use smart interface that self-trains to increase customer throughput

Reduce operational costs through AI visual inspection that helps optimize staff allocation, and decreases the need for staff training

Kit Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Atom® Processors
- Intel® Core™ i3 Processors
- Intel® Xeon® Processors
- Intel® Server GPU



Target Vertical:
Retail

Secondary Vertical:
Agriculture, Health and Life Sciences, Hospitality and Restaurants

Target Use Case:
Asset and Operations Optimization

Geo Availability
APJ, Americas, Europe, Middle East, Africa, and PRC

Learn More
- Winmore Digit Home

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Wipro Smart i-Mine

Solution Overview

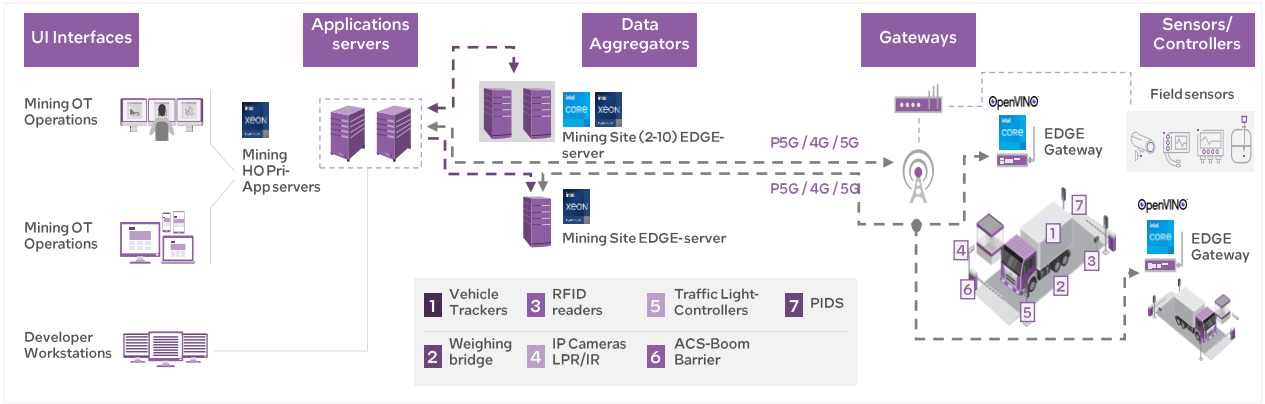
Wipro's Smart i-Mine solution improves the safety, efficiency, and productivity of mining operations by leveraging various sensors, devices, and networks to collect data on mining activities, equipment, and environment. This data is analyzed in real-time to provide actionable insights and automate processes, thereby optimizing mining operations. Remote sensing is particularly valuable when working in hazardous areas, because by implementing a sensor network, mining companies can monitor and mitigate dangerous situations promptly. This helps mine operators pinpoint trouble spots early, enabling predictive maintenance and preventing environmental issues before they occur.

Value Props

Streamline operations by leveraging AI-based analytics to optimize the use of space, energy, and resources to reduce the cost of mining operations

Improve worker safety with actionable insights which help ensure that safety protocols are followed, and potential dangers are mitigated

Enhance sustainability with AI analysis which can help minimize the waste of fossil fuels and track environmental impacts of mining operations



Intel Components

- Intel® Xeon® SP Gold
- Intel® Xeon® SP Silver
- Intel® Core™ i3, i7, i9 processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical:
Transportation and Warehousing

Target Use Case:
Asset & Operations Optimization, Logistics & Tracking

Geo Availability
Pacific, Japan, Europe, Americas, Middle East and Africa

Sales Contact
raj.br7@wipro.com

Solution Webpage
Wipro | Optimize transport operations

Learn More
Wipro | Ambitions Realized

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WINTEC 英泰

QINGDAO Wintec Self-Checkout Solution Enabled with Loss Prevention



Solution Overview

The Wintec Self-Checkout Solution Enabled with Loss Prevention leverages edge-to-cloud connectivity to provide a seamless and secure customer experience. It begins at the edge, where customers interact with the self-checkout kiosk. At the edge, video camera feeds capture data that is processed in real-time using AI behavior recognition, to swiftly detect abnormal patterns that could indicate potential theft. If unusual behavior is detected, the POS alert light turns red, prompting employees to monitor the transaction. After the transaction is completed, data is encrypted and transmitted to the cloud for further processing. In the cloud, this data is analyzed to refine loss prevention and AI behavior algorithms to enhance their accuracy and effectiveness over time.

Value Props

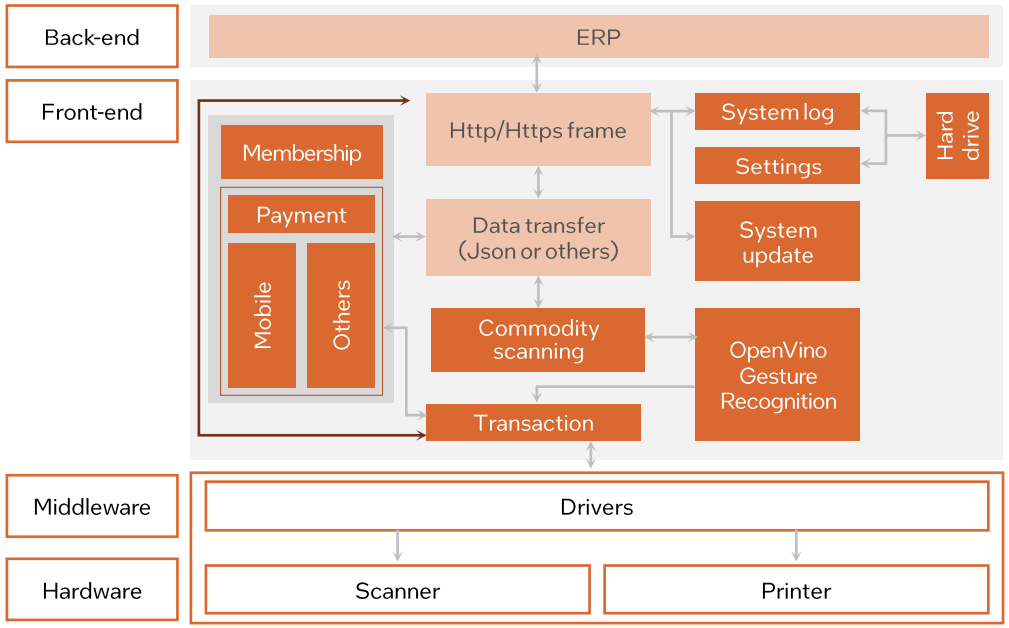
Improve profitability through advanced loss prevention using a solution that detects shoplifting, identifies potentially fraudulent activities, and predicts possible theft patterns to protect your inventory and reduce shrinkage.

Boost customer satisfaction with a user-friendly solution that simplifies the checkout process for shoppers to increase transaction efficiency, minimize wait times, and elevate the customer experience.

Empower strategic business decisions with real-time data analysis that offers valuable insight into customer shopping patterns and preferences to help inform strategic decisions that drive sales.

Intel Components

- Intel® Core™ i3 processors
- Intel® Core™ i5 processors
- Intel® Distribution of OpenVINO™ toolkit



Target Vertical: Retail

Secondary Vertical: Hospitality and Restaurants

Target Use Case: Asset & Operations Optimization

Secondary Use Case: Interactive Media, Logistics & Tracking

Geo Availability

Americas, APJ, EMEA, PRC

Sales Contact

Shang Li - lishang@wintec.cn

Solution Webpage

WINTEC Solution Webpage

Learn More

WINTEC SelfPOS60

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Wipro Limited Digital Twin for Smart Buildings

Solution Overview

Property costs represent the second highest expense for an organization due to high operational and maintenance requirements. For businesses to increase their efficiency and optimize across their enterprise, it has become increasingly vital to leverage technology to manage property assets. Wipro's Digital Twin for Smart Buildings provides a foundation for a business' entire smart building environment. It brings together IT and OT systems, IoT sensors, and third-party data and contextualizes this with information about processes and people, creating a dynamic digital replica that can be used to solve a wide variety of issues. The solution supports multiple workflows and helps realize data analytics, enabling businesses to streamline operations.

Value Props

Reduce operational costs with an end-to-end solution that helps lower workforce workloads and building maintenance costs

Streamline building management systems with a unification system designed to navigate multiple siloed systems across an enterprise

Increase user satisfaction with an interface that provides single pane view of buildings, adjustable based on user preferences

Move towards sustainability with real-time, auditable, system-driven carbon, footprint, waste, water, and environment data

Proven Results

- **The situation:** A leading construction and Facilities Management Solution (FMS) player of Europe was managing multiple buildings using various siloed tools, which led to high operational costs and lack of remote visibility for smooth facility services.
- **The solution:** Wipro deployed its solution to unify the systems and provide a digital twin view of buildings to enable remote facility monitoring and control, which also generated real time descriptive analytics for KPI monitoring through a digital twin model.
- **The results:** With the help of Wipro's solution, the customer was able to improve operational excellence, higher business performance, better user experience and enhance sustainability monitoring.

Intel Components

- Intel® Core™ i7 Processors
- Intel® Core™ i5 Processors
- Intel® Xeon® Scalable Processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical: Other
Secondary Verticals: Energy, Retail, Education, Health and Life Sciences, Hospitality and Restaurants, Government, Manufacturing, Transportation and Warehousing

Target Use Case: Asset & Operations Optimization
Secondary Use Cases: Situational Monitoring, Environment Monitoring, Energy Monitoring and Management, Control Optimization & Autonomy, Interactive Media, Machine Condition Monitoring, Human Wellness Monitoring

Geo Availability: Global

Learn More

- Wipro Website
- Wipro and Intel in Smart Buildings
- Wipro Digital Twin Article

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Wipro Limited Edge Device Management for OT and IoT

Solution Overview

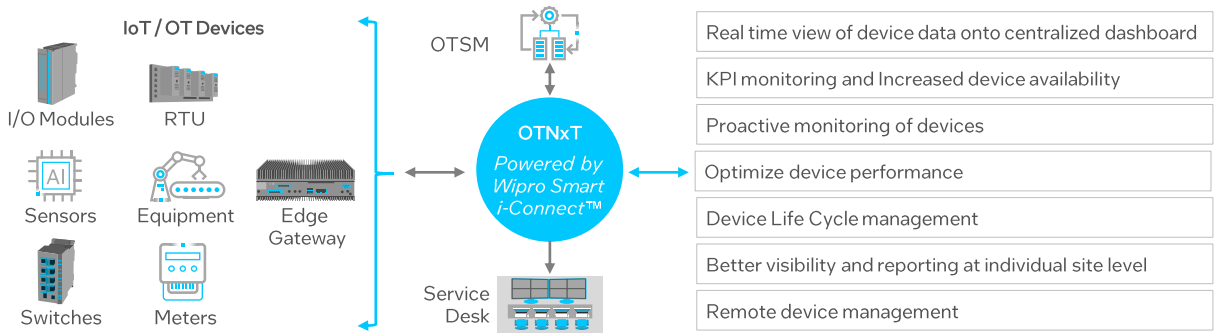
There has been a multi-fold increase in enterprise dependency on physical assets –business critical and support infrastructure alike. To stay competitive, enterprises need to effectively monitor, manage and control physical devices, edge gateways, processes and events. Edge computing architecture can mitigate latency and downtime issues for IoT use cases, but the IoT device landscape is complicated and often hard to manage. Wipro 's Edge Device Management for OT and IoT empowers its clients to revolutionize their operating models and innovate with a platform that allows them to manage OT systems in tandem with the entire IoT device lifecycle, providing tools for connecting, provisioning, monitoring, managing, configuring, controlling, and evolving a fleet that has widely different devices operated by a huge enterprise. With the Wipro solution, enterprises can stay ahead of the curve.

Value Props

Streamline operations by leveraging service automation, support services, and customized workflows all through one centralized platform

Drive cost savings by eliminating unnecessary hardware and software and reducing capital and operating expenses

Facilitate decision making with real-time OT and IoT system performance insights, enabling proactive and informed system management



Kit Components

- Intel® Core™ i7 processors
- Intel® Xeon® processors

Target Vertical:
Other
Secondary Vertical:
Retail, Education, Energy, Government, Health and Life Sciences, Hospitality and Restaurants, Manufacturing, Transportation and Warehousing

Target Use Case:
Asset & Operations Optimization
Secondary Use Case:
Control Optimization & Autonomy

Geo Availability
APJ, Americas, EMEA

Learn More
- Solution Webpage
- Wipro Website

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Wipro Limited Smart i-Building

Solution Overview

Wipro's Smart i-Building solution offers a modular and efficient approach to support smart building use cases, provide facilities management, and promote sustainability. It addresses key business tenants such as operational cost, employee experience, operational excellence, and more. The solution leverages a Building IoT, AI, and automation technology as a key driver for efficiency and to enable a suite of smart building use cases across different industries. It provides a powerful and user-friendly platform for centralized monitoring and management for HVAC, lighting, access control, and network infrastructure and equips customers with intelligence-driven insights to drive operational improvements and digital transformation.

Value Props

Streamline operations with actionable insights to optimize building resources, thus reducing costs

Enhance user experience with simple, intuitive, and personalized interfaces to interact with building data and systems

Improve business performance by leveraging AI to streamline resource management and processes

Enhance sustainability with real-time, auditable, system-driven carbon footprint, waste, water, and environment data

Proven Results

- **The situation:** A leading facilities management solution (FMS) company with siloed systems, limited automation, high operational costs due to reactive management, and no singular operational view for facilities management.
- **The solution:** Wipro offered the Smart i-Building solution to manage multiple buildings from their Operation center and have real-time / near real-time data of assets, sensors and integrated devices to report on resource usage. The edge IoT-based integration provided real-time descriptive analytics for KPI monitoring
- **The results:** By implementing the Smart i-Building solution, the customer could realize facilities management costs by over 15%, reduced overall operational costs by over 10%, and created new revenue streams to expand offers to clients.

1. Intel® MRS Assessment

Intel Components

- Intel® Core™ i7 processors
- Intel® Core™ i5 processors
- Intel® Xeon® Scalable processors
- Intel® Distribution of OpenVINO™ toolkit

Target Vertical: Other
Secondary Verticals: Retail, Education, Energy, Government, Health and Life Sciences, Hospitality and Restaurants, Manufacturing, Transportation and Warehousing

Target Use Case:
Asset & Operations Optimization

Secondary Use Cases:
Interactive Media, Machine Condition Monitoring, Human Wellness Monitoring, Situational Monitoring, Environment Monitoring, Energy Monitoring and Management, Control Optimization & Autonomy

Geo Availability
Global

Learn More
- Wipro Website
- Wipro and Intel in Smart Buildings
- Wipro Smart Buildings Article

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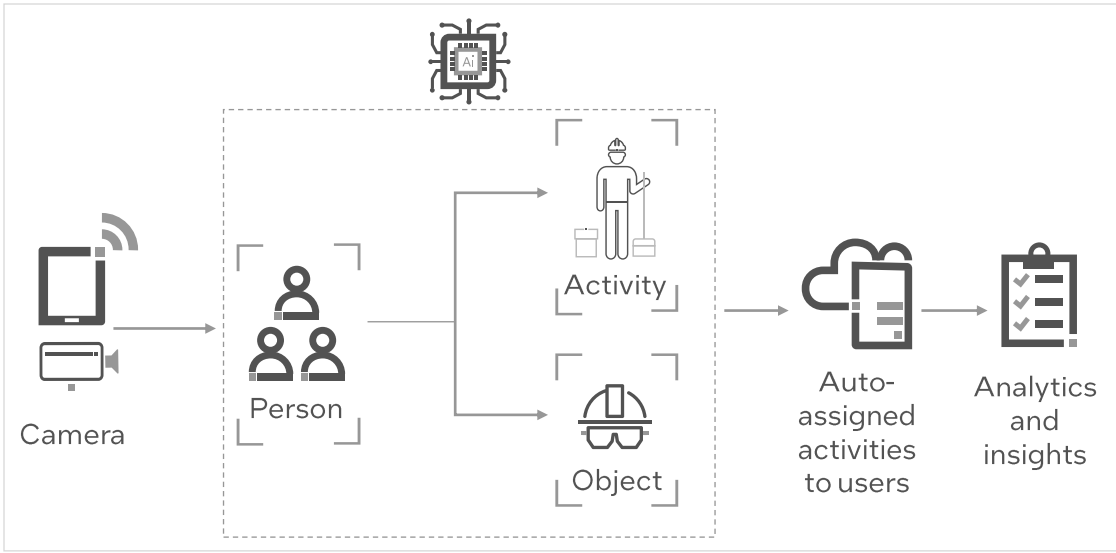
Wobot Hygiene and Safety Module

Solution Overview

Wobot's Hygiene and Safety Module uses AI-powered video analytics to monitor a wide range of processes and screen for regulatory compliance, adherence to standard operating procedures, and hygiene and safety protocol. The solution provides rapid analysis through edge processing to help business leaders drive safety, efficiency, and situational awareness.

Value Props

- Enhance safety and process compliance with video analytics capabilities to help protect customers and workers
- Streamline integration with a do-it-yourself onboarding tool to help minimize deployment costs and setup time
- Enhance incident management with real-time insights and alerts that provide each user with relevant information



Intel Components

- Intel® Core™, Intel® Xeon®, and Intel® Pentium® processors
- Intel® Distribution for Python*
- Intel® Math Kernel Library (Intel® MKL)
- Intel® MKL-DNN
- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Movidius™ Myriad™ VPU
- Intel® Movidius™ Neural Compute SDK

Target Vertical:
Manufacturing

Secondary Verticals:
Health & Life Sciences, Hospitality, Government, Retail, Transportation, Smart City, Industrial

Target Use Case:
Situational Monitoring

Geo Availability

Available in APJ, EMEA, Americas, and PRC

Learn More

- Wobot Website
- Case Study
- Wobot Case Studies

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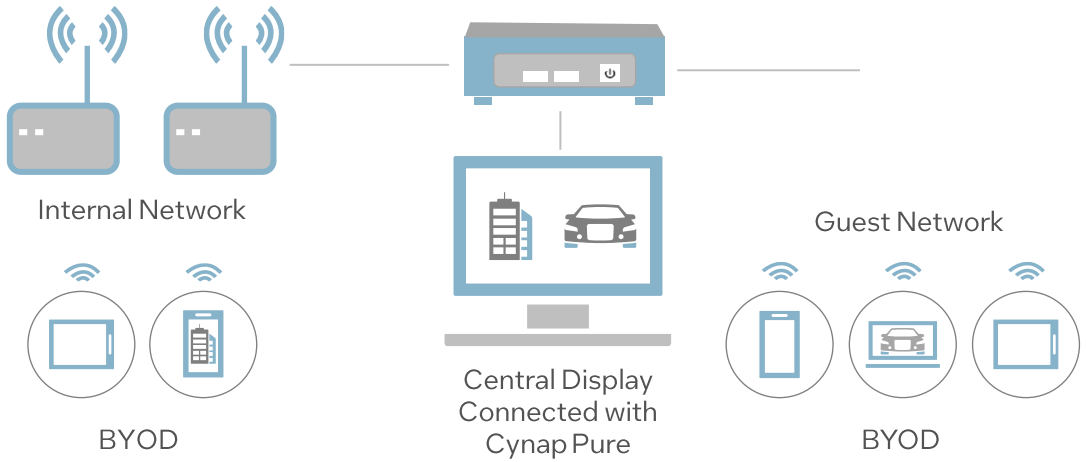
WolfVision Cynap Pure

Solution Overview

WolfVision Cynap Pure transforms meeting rooms and classrooms into wireless BYOD presentation and collaboration environments in education and corporate settings. It supports a variety of devices and operating systems without requiring the use of apps, additional software, or plug-in dongles.

Value Props

- Enhance network security across all your data and devices that are connected to the WPS
- Provide consistent learning experiences for students both in-classroom and learning remotely
- Save time and cost efficiencies with free firmware updates and product improvements



Intel Components

Intel® NUC

Target Vertical: Education

Secondary Vertical: Corporate

Target Use Case: Interactive Media

Secondary Use Cases: Wireless Presentation, Remote/Hybrid Meetings, In-person, Online, or Hybrid Classrooms

Geo Availability

Globally

Learn More

- Product page
- Company website

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X-SIGHT
LICHN

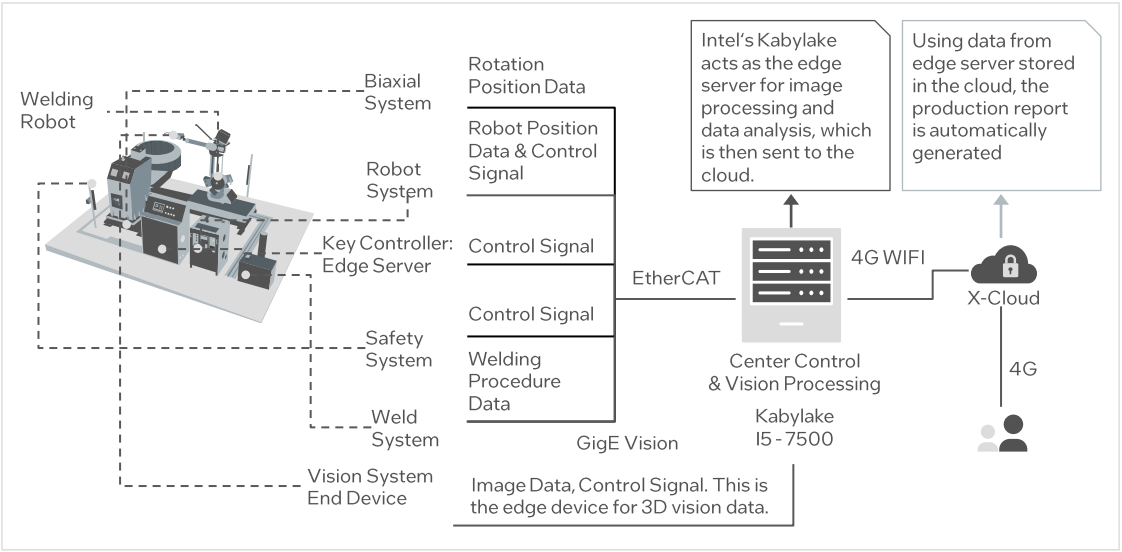
Wuxi Xinje Vision Guided Intelligent Welding System

Solution Overview

A solution that provides a truly autonomous welding machine to help customers increase operating hours while improving quality. Machines can be operated without special training and use simple housing placement, machine vision, and 3-D guiding for precise seams.

Value Props

- Improve speed, precision, and reliability with precise welding guidance systems
- Reduce costs and manual operating hours by leveraging machines with 3-D vision
- Stabilize and improve welding quality robot welding to decrease worker risk



Intel Components

- Intel® Core™ i5 Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Atom® Processors
- 10gbe Intel® ethernet network adapters

Target Vertical: Manufacturing

Target Use Case: Control Optimization & Autonomy

Geo Availability

Available in PRC, NA, EMEA

Learn More

- Wuxi Xinje Website
- Product examples

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Back to Manufacturing Solutions
Back to Control Optimization & Autonomy Use Cases

Solution Overview

The manufacturing industry experiences significant losses in profit and efficiency as a result of work-related accidents. To help mitigate this issue, Xesol has developed Drivox®, a complete ecosystem solution designed to increase safety, avoid risk, and accelerate efficiency for manufacturers. Driven by IoT technology, the solution accurately detects potential collisions between people, machines, and objects, and alerts the operator with a visual and auditory alarm as threats are recognized. Data related to safety metrics is collected from edge devices and sent to the cloud for further analysis where behavior that registers outside of safety compliance standards, such as overaccelerating or vehicle tampering, is documented.

Value Props

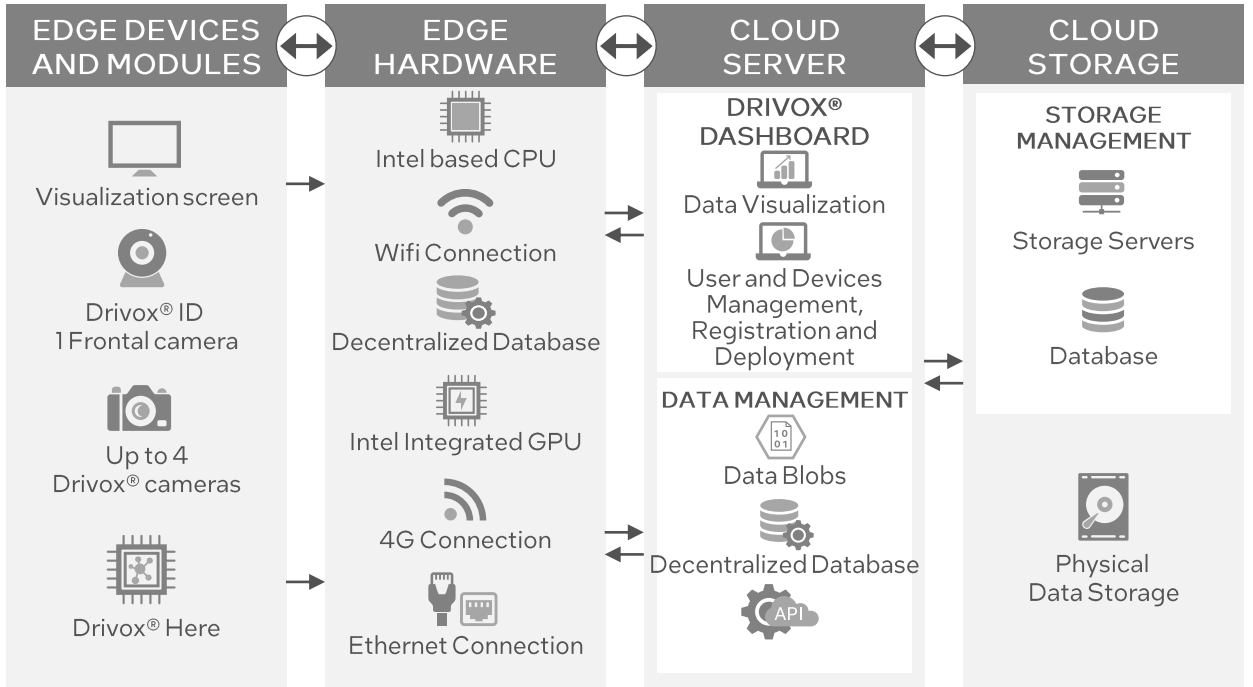
Help increase worker safety by recognizing and mitigating, through alerts, potential accidents in warehouse environments with IoT sensing

Optimize manufacturing logistics with an all-in-one ecosystem solution that bolsters productivity by reducing interruptions and incidences

Minimize direct costs associated with accidents, such as collision damages, production stop, and medical and legal bills

Intel Components

- Intel® Core™ Processors
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® CVAT
- Intel® Vtune™
- Intel® OpenCV
- Docker



Target Vertical:
Manufacturing

Secondary Verticals:
Agriculture, Retail, Transportation & Warehousing

Target Use Case:
Control Optimization & Autonomy

Geo Availability
Europe, Middle East, and Africa

Learn More
- Xesol Drivox Website

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Xinje Electric X-SIGHT: Intelligent Industrial Controller

Solution Overview

The Xinje Electric X-SIGHT Intelligent Industrial Controller monitors individual PLCs, and streamlines their control through a centralized user interface and programming platform. Through this combination, PLCs can be controlled to perform a wide range of tasks, and actively analyze passthrough data to enhance performance. Xinje works with customers to develop cloud data software and systems for their Intelligent Industrial Controller Integrations. This ensures sound private cloud storage protocols, and a customized level of detail to their customer's unique process, privacy and other data management needs. After identifying and implementing the best integration. Data security can be further managed through a separate runtime environment to process sensitive data, such as computer vision data, for proper oversight.

Value Props

Increase operational speed and efficiency by utilizing a system that centralizes communications between IoT devices, industrial controllers, resources planning software, and other systems

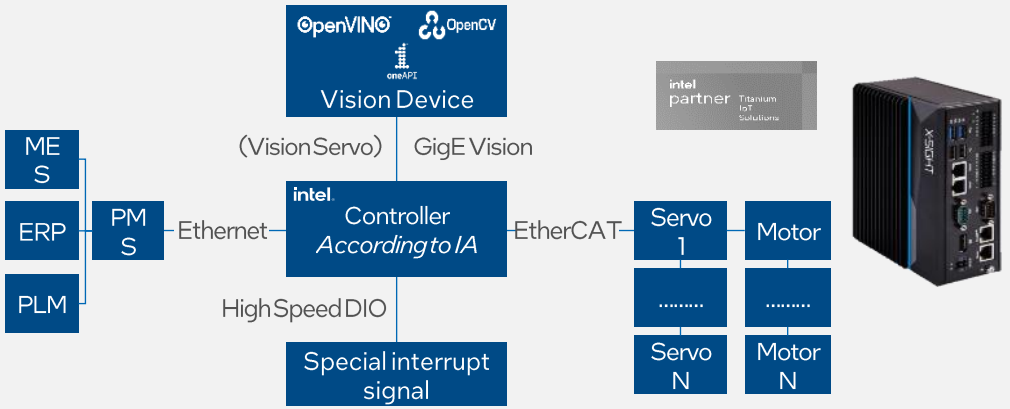
Enhance production quality with a system designed to conduct real-time performance analysis, and enact machine learning driven self-improving and self-healing protocols

Help operators and managers focus on critical tasks by integrating a reliable, autonomous system that requires less monitoring, and offers users a smooth, easy-to-use unified interface

Intel Components

- Intel® Celeron®
- Intel® Core i3 – i9® processors
- Intel® Ethernet Controllers
- Intel® Xeon® processors
- Intel® Distribution of OpenVINO™ toolkit

X-SIGHT Solution Toplogy



Target Vertical:
Manufacturing

Secondary Vertical:
Agriculture

Target Use Case:
Control Optimization & Autonomy

Geo Availability
Asia, Pacific, and Japan, Europe, Middle East, and Africa, People's Republic of China

Learn More
- Xinje Website
- Solution Demos
- Unboxing, Installation, Set-Up

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yanolja Y FLUX

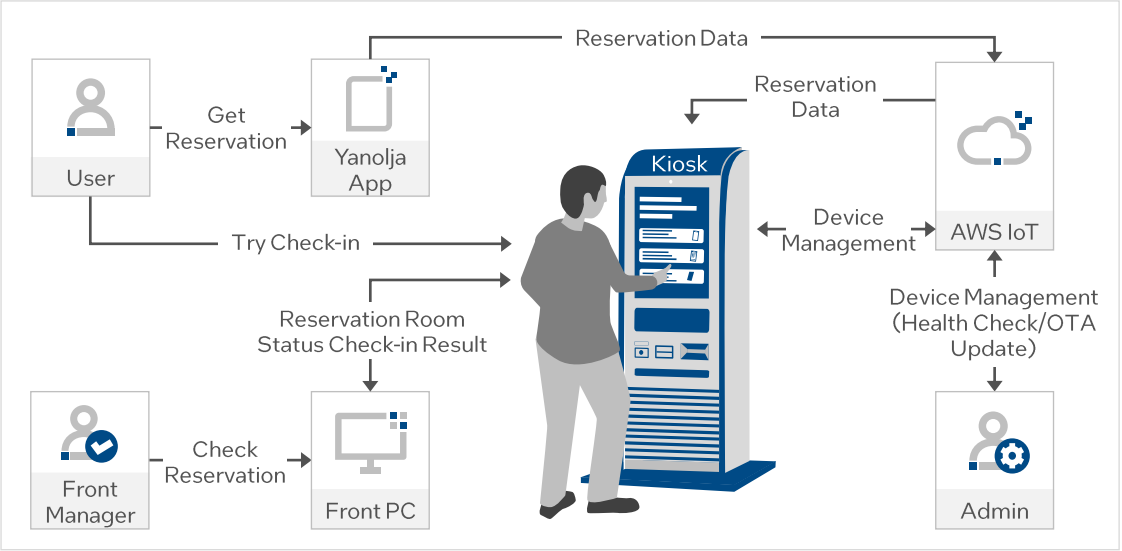
Yanolja Y FLUX Kiosk Smart Hotel Lobby

Solution Overview

The Yanolja Y FLUX Kiosk is a fully-integrated smart hotel solution that improves customer experience and management efficiency. The Kiosk enables self check-in, reservations, key issuance, and payment processing. It can also integrate with online booking platforms, enabling hotels to deliver a truly contactless check-in experience.

Value Props

- Expedite customer service by automating check-in, check-out, and key issuance services
- Create unified experiences by enabling guests to manage their own check-in processes and use their own smartphones as a digital room key
- Streamline operations and reduce costs by automating repetitive tasks so hotel staff can prioritize high-value activities



Intel Components

Intel® Core™ i7 processors

Target Vertical: Hospitality

Target Use Case: Interactive Media

Geo Availability
Korea

Learn More

- Solution Website (KOR)
- Y FLUX Overview Video (ENG)

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Yoi System Co., Ltd. i-X (i-ECS: Intelligent-Edge Control System)

Solution Overview

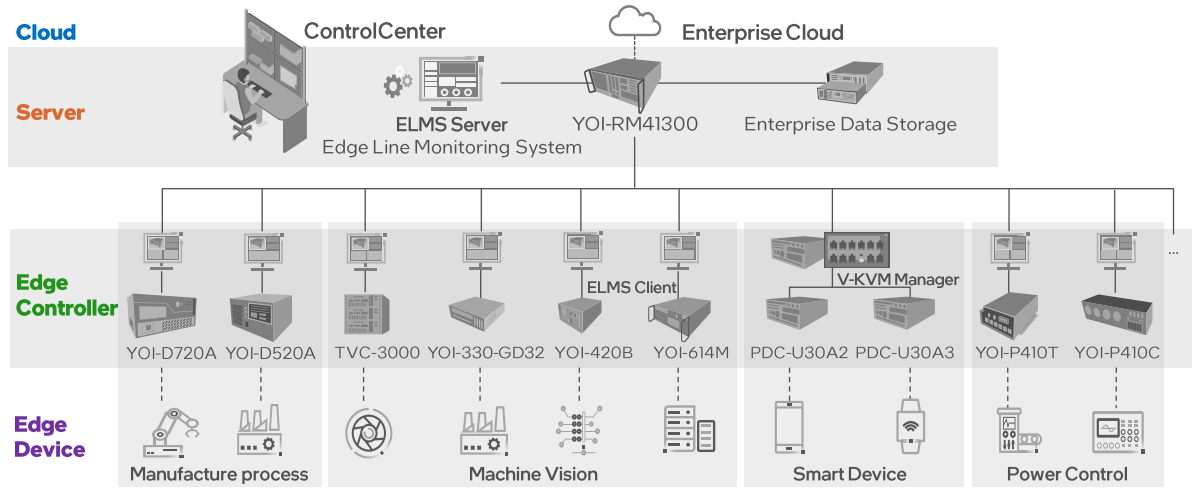
The Yoi System i-X (i-ECS: Intelligent-Edge Control System) solution offers an edge computing management system that collects, analyzes, and visualizes real-time data generated from IoT sensors and process controllers in smart factories. Designed for manufacturing and industrial use cases, i-X (i-ECS: Intelligent-Edge Control System) offers around-the-clock automated fault detection during data processing, enabling users to optimize operations via remote controls. With this solution, customers can establish an efficient automation environment in their smart factory.

Value Props

Improve manufacturing productivity with a high-performance industrial edge solution that collects, analyzes, and visualizes data in real time

Enable remote management by reducing the need for on-site inspection with a one-stop smart solution that uses Yoi system's proprietary software and Intel vPro® tech

Reduce operational downtime with a solution that works in real time to enable the quick detection and correction of failures



Kit Components

- 10th Gen Intel® Core™ Processor Family
- 12th Gen Intel® Core™ Processor Family
- Intel® Xeon® Processors
- Intel vPro® Platform

Target Vertical:
Manufacturing

Target Use Case:
Machine Condition Monitoring

Secondary Use Cases:
Control Optimization & Autonomy, Environment Monitoring, Product Inspection, Situational Monitoring, Industrial Computer Condition/Remote Monitoring & Control

Geo Availability
Worldwide

Learn More
- Yoi System Website
- Solution Overview & Demo (Korean)

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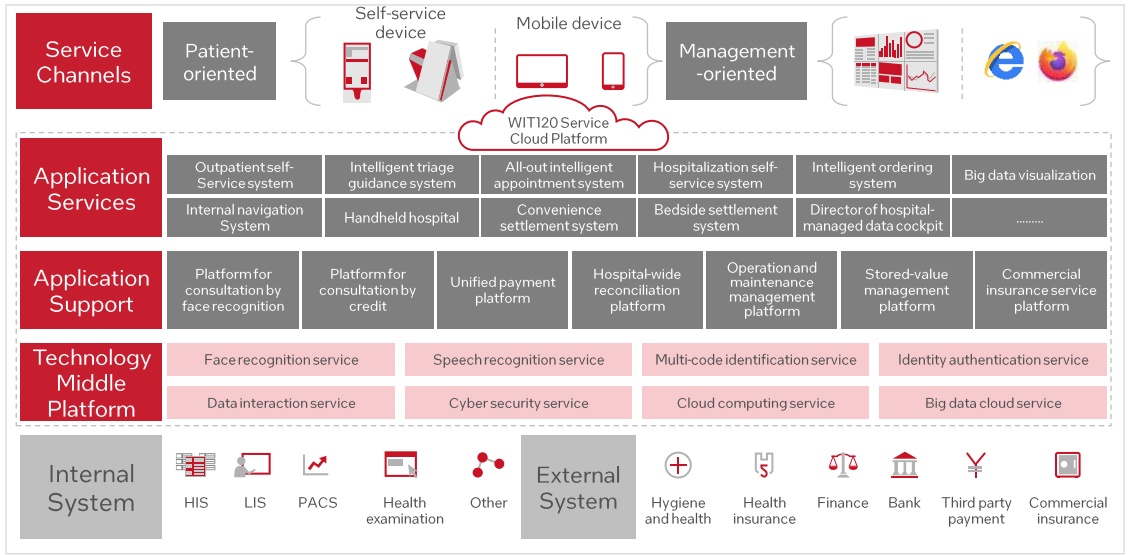
Zhejiang Jandar Technology Wise Medical Treatment

Solution Overview

Jandar's Wise Medical Treatment Solution provides various self-service devices for patients and visitors across the hospital for a one-stop central interactive service channel. Employees are also empowered with central management, data, and streamlined processes. The solution plays an important role in the decision-making process of hospital administrators and contributes to optimizing service quality.

Value Props

- Improve decision making for the administrative staff with data and analysis on user behaviors, revenue, and more
- Reduce waiting times by empowering patients and visitors with self-service devices
- Optimize operations with a central management system and data analysis on Jandar's cloud platform



Intel Components

Intel® Core™ i5 processors

Target Vertical: Health & Life Sciences

Secondary Verticals: Retail, Government, Hospitality, Transportation

Target Use Case: Interactive Media

Geo Availability
PRC

Learn More
- Jandar Website

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Radius Industrial Automation Technologies

Solution Overview

Industrial and utility organizations face challenges capitalizing on the potential of industry 4.0 technology while relying on legacy systems. Zotera's Radius Industrial Automation Technologies offers seamless transition from traditional preventative maintenance to predictive and prescriptive maintenance models, enabling seamless scalability while future-proofing organizations against industry advancements. Zotera Radius Gateways and Nodes deployed at the edge of the network collect and analyze data for real-time alerts available via the Radius Dashboard, SMS, or email.

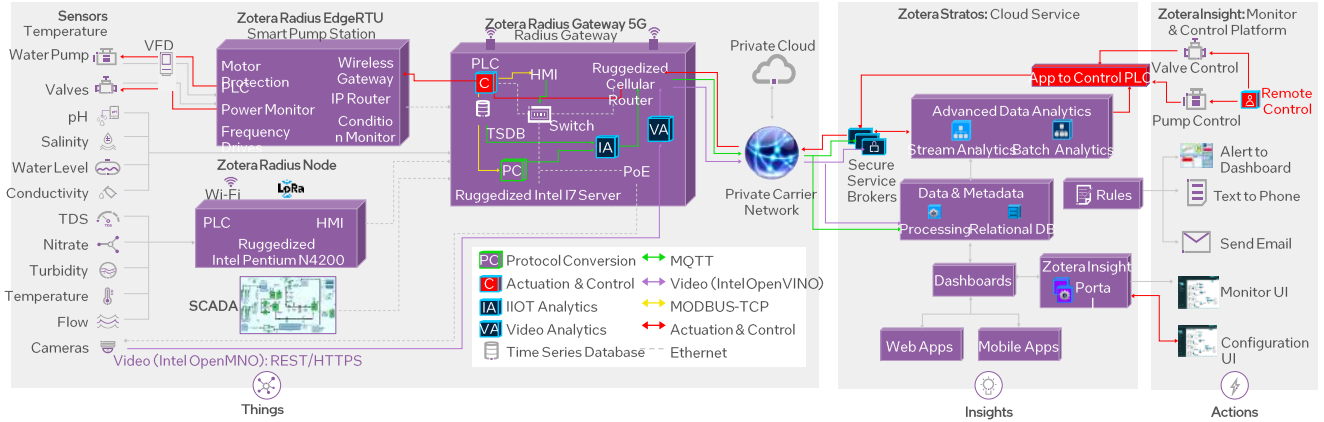
Value Props

Optimize operational efficiency with a comprehensive edge computing platform and seamless wireless network expansion for streamlined processes

Reduce operational costs with predictive & prescriptive maintenance powered by AI-based analytics to eliminate unplanned downtime and reduce physical presence need

Enhance data-driven decision making with cloud-based analysis to empower insights into system anomalies

Reference Architecture



Intel Components

- Intel® Core™ i3, i5, & i7 Processors
- Intel® Celeron® Processors
- Intel® NUC

Target Vertical:

Government

Secondary Vertical:

Water and Wastewater

Target Use Case:

Asset & Operations Optimization

Secondary Use Case:

Machine Condition Monitoring

Geo Availability

Global

Sales Contact

Mo Kotaiche – m.kotaiche@zotera.com

Solution Webpage

Zotera | Radius Gateway

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智锐通科技 ZRT TECHNOLOGY

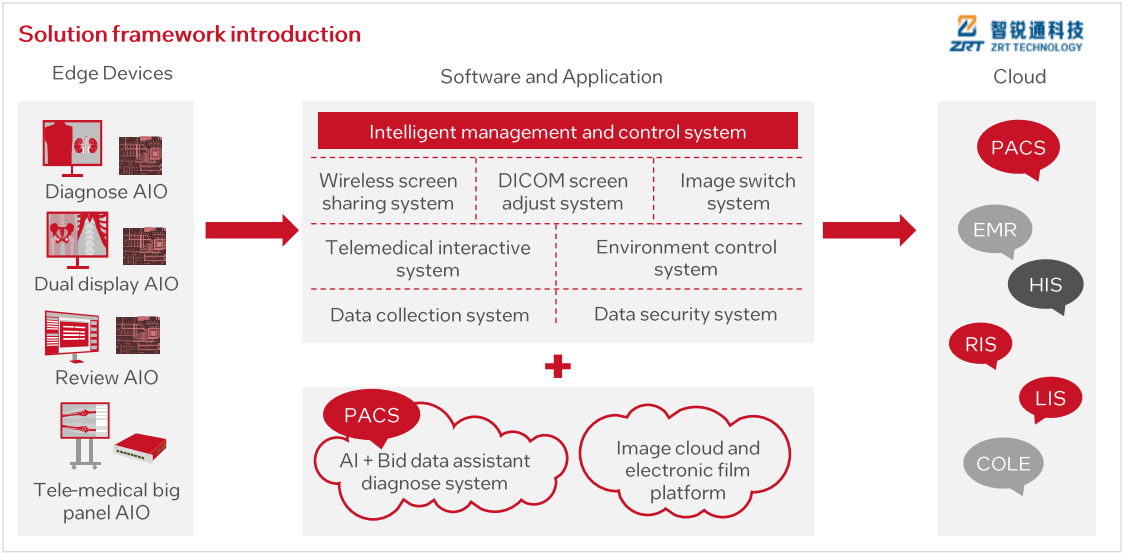
ZRT Intelligent Medical Image Review and Consultation

Solution Overview

The solution collects medical imaging and leverages AI to produce 3D models at the edge, performs intelligent data analysis and management, and provides cloud data storage and diagnostic review. It enables customers to overcome challenges with diagnostic reliability, workflow efficiency, and quality of care.

Value Props

- Increase diagnostic accuracy with AI medical imaging software that leverages IoT-enabled smart lighting
- Improve work efficiency with edge computing, supporting all-in-one terminals and displays, and AI-assistance for diagnosis processes and data management
- Help reduce liability through a solution that minimizes the number of missed diagnoses and misdiagnoses



Intel Components

- Intel® Core™ i5 Processors
- Intel® Core™ i7 Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Movidius™ VPU

Target Vertical: Health & Life Sciences

Target Use Case: Product Inspection

Geo Availability
PRC

Learn More
- ZRT website

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